

# ***DRAFT RESOURCE MANAGEMENT PLAN/ ENVIRONMENTAL IMPACT STATEMENT***

Western Oregon

## ***Volume 4***

U.S. Department of the Interior  
Bureau of Land Management



The BLM manages more than 245 million acres of public land, the most of any Federal agency. This land, known as the National System of Public Lands, is primarily located in 12 western states, including Alaska. The BLM also administers 700 million acres of sub-surface mineral estate throughout the nation.

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## Appendix J – Lands and Realty

This appendix provides detailed data about lands and realty, found in **Chapters 2** and **3** of the EIS.

In this appendix:

**Land Tenure Adjustment Criteria .**

**Land Withdrawals**

**Land Tenure Zone 3 Lands.**

**Inventory of Communication Sites .**

### **Land Tenure Adjustment Criteria**

In accordance with the Federal Land Policy and Management Act of 1976 (FLPMA) and other laws, Executive Orders, and Departmental and Bureau policy, the following factors will be considered in evaluating opportunities for disposal or acquisition of lands or interests in lands. This list is not considered all inclusive, but represents the major factors to be considered.

#### **General Land Tenure Adjustment Evaluation Factors**

- Improves manageability of specific areas.
- Maintains or enhances important public resource values and uses.
- Consolidates Federal mineral estate and/or reuniting split surface and mineral estates.
- Facilitates development of energy and mineral potential.
- Reduces difficulty or cost of public land administration.
- Provides accessibility to Federal land for public recreation and other uses.
- Amount of public investments in facilities or improvements and the potential for recovering those investments.
- Suitability of land for management by another Federal agency.
- Significance of decision in stabilizing or enhancing business, social, and economic conditions, and/or lifestyles.
- Meets long-term public management goals as opposed to short term.
- Facilitates National, State, and local BLM priorities.
- Consistency with cooperative agreements and plans or policies of other agencies.
- Facilitates implementation of other aspects of the approved resource management plans.

#### **Acquisition Criteria**

- Facilitates access to public land and resources retained for long-term public use.
- Secures Threatened or Endangered or Sensitive plant and animal species habitat.
- Protects riparian areas and wetlands.
- Contributes to biodiversity.
- Protects high-quality scenery.



- Enhances the opportunity for new or emerging public land uses or public resource values.
- Facilitates management practices, uses, scales of operation, or degrees of management intensity that are viable under economic program efficiency standards.
- Protects significant cultural resources and sites eligible for inclusion on the National Register of Historic Places where non-federal sites exist for the proposed use.

### **Disposal Criteria**

The following criteria will be used to identify parcels in Land Tenure Zones 2 or 3 suitable for disposal:

- Suitability for purposes including but not limited to community expansion or economic development, such as industrial, residential, or agricultural development.
- Lands of limited public resource value.
- Lands that are difficult for the BLM to manage and unsuitable for transfer to other federal agencies or State and local governments.
- Lands that would aid in aggregating or repositioning other public lands or public land resource values where the public values to be acquired outweigh the values to be exchanged.

### **O&C Land Exchange Criteria**

An O&C land exchange is an exchange within the O&C area as delineated in Public Law 105-321. Forest management and related factors to consider when evaluating the feasibility of an O&C land exchange include the following:

- Land exchanges which maintain the existing balance between the various land use allocations will be considered favorably.
- Land exchanges that enhance public resource values and/or improve land patterns and management capabilities of both non-federal and BLM administered lands within the planning area by consolidating ownership and reducing the potential for land use conflict.
- Offered lands which are primarily suitable for agriculture, business, or home sites, or which would require extensive post-acquisition management will not be favorably considered. The O&C lands designated for timber production will generally not be exchanged for lands which will be managed solely for a single use, such as species protection.
- Generally, where cutting rights are reserved on existing and future timber stands by the proponent, the proposed exchange will not be considered favorably.
- The exchange of O&C and CBWR lands specifically for lands located outside of the 18 O&C counties is prohibited by regulations in 43 CFR 2200. This restriction applies to timber and other interests in lands as well.

### **Land Withdrawals**

Table J-1 through Table J-6 contains detailed information about existing and proposed land withdrawals.



**Table J-1.** Withdrawal tables legend.

Authority/Order Type		Segregation Effect:	
DO	Director Order	A	Withdrawn from operation of the general land laws, the mining laws, and the Mineral Leasing Act
EO	Executive Order	B	Withdrawn from operation of the general land and mining laws
SO	Secretarial Order	C	Withdrawn from operation of the general land laws
BO	Bureau Order	D	Withdrawn from operation of the general land laws; Open to mining subject to Public Law 359
PL	Public Law	E	Withdrawn from operation of the general land laws; Withdrawn from mining except metalliferous
PLO	Public Land Order	F	Withdrawn from operation of the general agricultural and mining laws
PSR	Power Site Reserve		
PSC	Power Site Classification	Recommendation:	
R&PP	Recreation and Public Purpose	C	Continue
WPD	Water Power Designation	R	Revoke
FPC	Federal Power Commission	E	Expire
FO	Federal Energy Regulatory Commission Order		

\*\*\* Open to entry subject to Section 24 of the Federal Power Act.

\*\*\*\* Open to entry in part subject to Section 24 of the Federal Power Act.

**Notes:**

Location description indicates sections within which withdrawn lands are located. Information on which portions of the cited sections are withdrawn is available within the District Office.

Table does not include lands that have been completely transferred out of Federal ownership subsequent to withdrawal or lands within National Forest Boundaries.



*Note: Acres are based on the most available information, but may have discrepancies because of the general nature of some of the information.*

**Table J-2.** Withdrawals in the Coos Bay District.

Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
OR 50856	PLO 7215	T. 19 S., R. 12 W., Sec. 1	40.43	Pacific Coastline, Highway 101	BLM	F	C
		T. 26 S., R. 14 W., Sec. 28	40	Pacific Coastline, Highway 101	BLM	F	C
		T. 27 S., R. 14 W., Sec. 29	2.26	Pacific Coastline, Highway 101	BLM	F	Revoke patented parcel
		T. 30 S., R. 15 W., Sec. 12	40	Pacific Coastline, Highway 101	BLM	F	C
		T. 32 S., R. 15 W., Sec. 4	71.75	Pacific Coastline, Highway 101	BLM	F	C
		T. 33 S., R. 14 W., Sec. 31	155.16	Pacific Coastline, Highway 101	BLM	F	C
		T. 34 S., R. 14 W., Sec. 6	40.7	Pacific Coastline, Highway 101	BLM	F	C
		T. 34 S., R. 14 W., Sec.33	162.05	Pacific Coastline, Highway 101	BLM	F	C
		T. 34 S., R. 14 W., Sec. 34	40	Pacific Coastline, Highway 101	BLM	F	C
		T. 34 S., R. 15 W., Sec. 1	7.92	Pacific Coastline, Highway 101	BLM	F	C
		T. 38 S., R. 14 W., Sec. 4	40	Pacific Coastline, Highway 101	BLM	F	C
		T. 38 S., R. 14 W., Sec. 5	40	Pacific Coastline, Highway 101	BLM	F	C
		T. 38 S., R. 14 W., Sec. 34	34	Pacific Coastline, Highway 101	BLM	F	C
		T. 39 S., R. 14 W., Sec. 23	40	Pacific Coastline, Highway 101	BLM	F	C
		T. 41 S., R. 13 W., Sec. 6	2.56	Pacific Coastline, Highway 101	BLM	F	C
T. 41 S., R. 13 W., Sec. 7	0.32	Pacific Coastline, Highway 101	BLM	F	C		
Total Acres for OR 50856:			757.15				
ORE 016183C	PLO 3869	T. 20 S., R. 9 W., Sec. 31	81.29	Smith River Falls Recreation Site	BLM	B	C - Developed Sites
		T. 20 S., R. 9 W., Sec. 33	3.5	Vincent Creek Recreation Site	BLM	B	C
		T. 23 S., R. 10 W., Sec. 2	78.86	Loon Lake Recreation site	BLM	B	C
		T. 27 S., R. 10 W., Sec. 4	60	Park Creek Recreation Site	BLM	B	C
		T. 27 S., R. 10 W., Sec. 18	20	Big Tree Recreation Site	BLM	B	R
		T. 30 S., R. 9 W., Sec. 9	80	Bear Creek Recreation Site	BLM	B	R
		T. 32 S., R. 14 W., Sec. 12	120	Sixes River Recreation Site	BLM	B	C
Total Acres for ORE 016183C:			443.65				
OR 23558	SO 12/31/1930	T. 23 S., R. 10 W., Sec. 1	51.51	Rec Wdl. No. 43 East Shore Recreation Site	BLM	B	C - Developed Site
OR 19291A	PLO 3530	T. 27 S., R. 10 W., Secs. 17-20	590	Cherry Creek Natural Area	BLM	B	C - Protecting site, for research opportunities
OR 6398	PL 181	T. 27 S., R. 11 W., Sec. 35	120	Lavern County Park	BLM/Coos Co.	B	C - Developed County Park
		T. 27 S., R. 12 W., Sec. 35	160	Rock Prairie County Park	BLM/Coos Co.	B	C - Developed County Park
		T. 28 S., R. 9 W., Sec. 7	87.72	Judge Hamilton County Park	BLM/Coos Co.	B	C - Developed County Park
		T. 28 S., R. 11 W., Sec. 5	80	Middle Creek County Park	BLM/Coos Co.	B	C - Potential for County Park Development
		T. 28 S., R. 11 W., Sec. 11	80	Frona County Park	BLM/Coos Co.	B	C - Developed County Park
Total Acres for OR 6398:			527.72				



Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
OR 21318	SO 6/12/1907	T. 40 S., R. 13 W., Secs. 11, 14	320.75	Potential National Park	BLM	B	R - Not developed. No planned development. No public support for establishment of park or monument.
OR 19231	EO 11/24/1903	T. 22 S., R. 13 W., Sec. 14	71.1	Umpqua Jetty Maintenance	COE	B	R - COE indicated a desire to relinquish.
OR 21901	EO 8/23/1895	T. 22 S., R. 13 W., Sec. 13	130	Umpqua River Light Station	USCG	B	R - USCG indicated a desire to relinquish.
OR 4011	EO 7/14/1884	T. 26 S., R. 14 W., Secs. 2, 3	5.1	Bar Watch Administrative Site	USCG	B	C
OR 19227	EO 7/14/1884	T. 26 S., R. 14 W., Sec. 2	2.43	Military Facility	US Navy	B	C
OR 22094	EO 6/14/1876	T. 26 S., R. 14 W., Sec. 4	21.58	Sub surface only/Cape Arago Lighthouse	USCG		R
ORE 012693	PLO 5490	All Public Domain lands	50,329	Multiple use management	BLM	Surface closed to Ag laws	C
OR 54142	PLO 7436	T. 25 S., R. 13 W., Secs. 4-8, 18, 19	See total acres below	North Spit Rec Area and ACEC	BLM	Closed to the mining laws	C
OR 54142	PLO 7436	T. 25 S., R. 14 W., Secs. 12, 13, 23-26		North Spit Rec Area and ACEC	BLM	Closed to the mining laws	C
<b>Total Acres for OR 54142:</b>			<b>1,779.27</b>				
OR 24294	PL 95-450	T. 26 S., R. 14 W., Secs. 5, 8, 17-19	15	Oregon Islands NWR	USFWS	A	C
		T. 27 S., R. 14 W., Sec. 19	8	Oregon Islands NWR	USFWS	A	
		T. 28 S., R. 15 W., Secs. 25, 26, 35	3.56	Oregon Islands NWR	USFWS	A	
		T. 29 S., R. 15 W., Sec. 2	4	Oregon Islands NWR	USFWS	A	
		T. 31 S., R. 16 W., Secs. 24, 25, 34, 35	30	Oregon Islands NWR	USFWS	A	
		T. 32 S., R. 16 W., Secs. 2, 3, 10, 17, 21, 28-31	54	Oregon Islands NWR	USFWS	A	
		T. 33 S., R. 15 W., Secs. 6, 8, 21, 22, 33	38	Oregon Islands NWR	USFWS	A	
		T. 34 S., R. 14 W., Sec. 30		Oregon Islands NWR	USFWS	A	
		T. 34 S., R. 15 W., Sec. 31	31.83	Oregon Islands NWR	USFWS	A	
		T. 36 S., R. 15 W., Secs. 2, 11, 15-17	32	Oregon Islands NWR	USFWS	A	
		T. 38 S., R. 14 W., Secs. 30, 31	12	Oregon Islands NWR	USFWS	A	
		T. 38 S., R. 15 W., Sec. 1	16	Oregon Islands NWR	USFWS	A	



Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
		T. 39 S., R. 14 W., Secs. 6, 8, 16, 17	30	Oregon Islands NWR	USFWS	A	
		T. 40 S., R. 14 W., Secs. 4, 16, 22, 26	38	Oregon Islands NWR	USFWS	A	
OR 711	PLO 4395	T. 28 S., R. 15 W., Sec. 25	See total acres below	Oregon National Wildlife Refuge	USFWS	B	C
		T. 31 S., R. 16 W., Secs. 24, 25, 34		Oregon National Wildlife Refuge	USFWS	B	C
		T. 31 S., R. 15 W., Sec. 35		Oregon National Wildlife Refuge	USFWS	B	C
		T. 32 S., R. 16 W., Secs. 17, 21, 28-31		Oregon National Wildlife Refuge	USFWS	B	C
		T. 33 S., R. 15 W., Secs. 21, 22, 33		Oregon National Wildlife Refuge	USFWS	B	C
		T. 34 S., R. 15 W., Sec. 4		Oregon National Wildlife Refuge	USFWS	B	C
		T. 36 S., R. 15 W., Secs. 2, 11		Oregon National Wildlife Refuge	USFWS	B	C
		T. 38 S., R. 15 W., Sec. 1		Oregon National Wildlife Refuge	USFWS	B	C
		T. 38 S., R. 14 W., Secs. 30, 31		Oregon National Wildlife Refuge	USFWS	B	C
		T. 39 S., R. 14 W., Secs. 6, 8, 16, 17		Oregon National Wildlife Refuge	USFWS	B	C
		T. 40 S., R. 14 W., Secs. 4, 22		Oregon National Wildlife Refuge	USFWS	B	C
Total Acres for OR 711:			222.56				
OR 50874	PLO 7170	T. 29 S., R. 15 W., Secs. 35, 36	70.9	Lost Lake	BLM	B	C
OR 45401	PLO 6967	T. 30 S., R. 15 W., Secs. 2, 3, 10, 11, 15, 21, 28, 32, 33	963.38	New River ACEC	BLM	B	C
OR 51194	PLO 7170	T. 31 S., R. 15 W., Secs. 7, 8	111.48	Floras Lake	BLM	B	C
OR 51891	PLO 7246	T. 32 S., R. 14 W., Sec. 6	44.48	Edson Creek Rec Site	BLM	B	C
OR 24293	PL 91-504	T. 40 S., R. 14 W., Sec. 22	21	Oregon Islands NWR	USFWS	A	C
OR 22376	EO 7035	T. 40 S., R. 14 W., Sec. 35	21	Oregon Islands NWR	USFWS	B	C
OR 25306	PLO 6287	Unsurveyed islands rocks reefs		Oregon National Wildlife Refuge	USFWS	B	C
OR 11517	EO 5/6/1935	Unsurveyed islands rocks reefs	100	Oregon Islands NWR Addition	USFWS	B	C
OR 19130	SO of 4/30/1921	T. 27 S., R. 11 W., Sec. 35	40	Water Power Potential/PSC 1	BLM	D	R - unless viable for hydropower
		T. 28 S., R. 10 W., Secs. 6, 8, 12, 14	165.26	Water Power Potential/PSC 1	BLM	D	R - unless viable for hydropower



Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
OR 19140	SO of 6/1/1926	T. 27 S., R. 10 W., Sec. 31	115.35	Water Power Potential/PSC 147	BLM	D	R - unless viable for hydropower
		T. 27 S., R. 11 W., Sec. 35	236.72	Water Power Potential/PSC 147	BLM	D	R - unless viable for hydropower
		T. 28 S., R. 10 W., Secs. 5, 6	169.26	Water Power Potential/PSC 147	BLM	D	R - unless viable for hydropower
		T. 28 S., R. 11 W., Sec. 1	320	Water Power Potential/PSC 147	BLM	D	R - unless viable for hydropower
Total Acres for OR 19140:			841.33				
OR 19144	SO of 7/19/1926	T. 22 S., R. 8 W., Secs. 4***, 7, 9, 17, 21	276.1	Water Power Potential/PSC 162	BLM	D	R - unless viable for hydropower
		T. 22 S., R. 9 W., Secs. 7-9	109.44	Water Power Potential/PSC 162	BLM	D	R - unless viable for hydropower
		T. 23 S., R. 8 W., Sec. 13	80	Water Power Potential/PSC 162	BLM	D	R - unless viable for hydropower
Total Acres for OR 19144:			465.54				
OR 19152	SO of 2/15/1928	T. 22 S., R. 9 W., Sec. 7	183.93	Water Power Potential/PSC 198	BLM	D	R - unless viable for hydropower
OR 20365	EO of 5/28/1912	T. 20 S., R. 9 W., Secs. 26, 28, 32, 34	245.22	Water Power Potential/PSR 273	BLM	D	R - unless viable for hydropower
OR 20365	EO of 5/28/1912	T. 21 S., R. 8 W., Secs. 2***, 4***	320	Water Power Potential/PSR 273	BLM	D	R - unless viable for hydropower
OR 19101	EO of 8/7/1917	T. 20 S., R. 8 W., Secs. 17, 19, 21, 27, 33	186.57	Water Power Potential/PSR 629,	BLM	D	R - unless viable for hydropower
		T. 20 S., R. 9 W., Secs. 21, 25, 27, 31, 33, 35	1,508.32	Water Power Potential/PSR 629	BLM	D	R - unless viable for hydropower
		T. 21 S., R. 8 W., Secs. 1, 9, 11	616.26	Water Power Potential/PSR 629	BLM	D	R - unless viable for hydropower
Total Acres for OR 19101:			2,311.15				
OR 19011	SO of 7/13/1917	T. 20 S., R. 9 W., Secs. 21, 25, 27, 31, 33, 35	1,362.74	Water Power Potential/WPD 11	BLM		R - unless viable for hydropower
		T. 20 S., R. 8 W., Secs. 17, 19, 21, 27, 31, 33	1,586.55	Water Power Potential/WPD 11	BLM		R - unless viable for hydropower
		T. 21 S., R. 8 W., Secs. 1, 9, 11	1,062.95	Water Power Potential/WPD 11	BLM	D	R - unless viable for hydropower
		T. 22 S., R. 9 W., Secs.7, 13, 15***, 17	282.52	Water Power Potential/WPD 11	BLM	D	R - unless viable for hydropower
		T. 22 S., R. 8 W., Secs. 5, 21	20.03	Water Power Potential/WPD 11	BLM	D	R - unless viable for hydropower
		T. 22 S., R. 7 W., Sec.19	47.45	Water Power Potential/WPD 11	BLM	D	R - unless viable for hydropower
		T. 23 S., R. 10 W., Secs.1, 11***, 13, 35	37.38	Water Power Potential/WPD 11	BLM	D	R - unless viable for hydropower
		T. 23 S., R. 9 W., Secs. 7***, 17***, 19***	200.21	Water Power Potential/WPD 11	BLM	D	R - unless viable for hydropower
		T. 23S 7 W., Secs. 5, 7, 9, 15, 19***, 21, 23, 27, 31,	887.79	Water Power Potential/WPD 11	BLM	D	R - unless viable for hydropower



Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
		33					
OR 19102	EO of 6/29/1917	T. 22 S., R. 8 W., Sec. 24	3	Protect water power and reservoir potential/PSR 630	BLM	D	R - unless viable for hydropower.
OR 19105	EO of 7/24/1917	T. 22 S., R. 7 W., Sec. 19	29.93	Water Power Potential/PSR 633	BLM	D	R - unless viable for hydropower
		T. 22 S., R. 8 W., Secs. 5, 21	20.03	Water Power Potential/PSR 633	BLM	D	R - unless viable for hydropower
		T. 22 S., R. 9 W., Secs. 7, 13, 15***, 17	282.52	Water Power Potential/PSR 633	BLM	D	R - unless viable for hydropower
		T. 23 S., R. 7 W., Secs. 5, 7, 9, 15, 19***, 21, 23, 27, 31, 33	887.79	Water Power Potential/PSR 633	BLM	D	R - unless viable for hydropower
		T. 23 S., R. 8 W., Sec. 11	29.38	Water Power Potential/PSR 633	BLM	D	R - unless viable for hydropower
OR 19106	EO of 7/17/1917	T. 22 S., R. 10 W., Sec. 35	239.95	Water Power Potential/PSR 634	BLM	D	R - unless viable for hydropower
		T. 23 S., R. 9 W., Secs. 7***, 17***, 19***	200.21	Water Power Potential/PSR 634	BLM	D	R - unless viable for hydropower
		T. 23 S., R. 10 W., Secs. 1, 13	211.51	Water Power Potential/PSR 634	BLM	D	R - unless viable for hydropower
Total Acres for OR 19106:			651.67				
OR 19109	EO of 7/17/1917	T. 23 S., R. 10 W., Sec. 35	40	Water Power Potential/PSR 645,	BLM	D	R - unless viable for hydropower
OR 19012	SO of 7/13/1917	T. 23 S., R. 10 W., Sec. 35	40	Water Power Potential/WPD 12	BLM	D	R - unless viable for hydropower
OR 19113	EO of 12/12/1917	T. 26S., 9 W., Secs. 17***, 19***, 29***, 31***		Water Power Potential/PSR 659	BLM	D	R - unless viable for hydropower
		T. 27 S., R. 11 W., Sec. 15	182.8	Water Power Potential/PSR 659	BLM	D	R - unless viable for hydropower
		T. 30 S., R. 9 W., Secs. 9, 17	120	Water Power Potential/PSR 659	BLM	D	R - unless viable for hydropower
		T. 30 S., R. 10 W., Secs. 3, 13	280	Water Power Potential/PSR 659	BLM	D	R - unless viable for hydropower
OR 19014	SO of 12/12/1917	T. 26 S., R. 9 W., Secs. 17***, 19***, 29***, 31***		Water Power Potential/WPD 14	BLM	D	R - unless viable for hydropower
		T. 27 S., R. 11 W., Sec. 15	187	Water Power Potential/WPD 14	BLM	D	R - unless viable for hydropower
		T. 30 S., R. 9 W., Secs. 9, 17	200	Water Power Potential/WPD 14	BLM	D	R - unless viable for hydropower
		T. 30 S., R. 10 W., Sec. 3, 13	280	Water Power Potential/WPD 14	BLM	D	R - unless viable for hydropower
OR 19017	SO of 1/12/1921	T. 27 S., R. 11 W., Secs. 5***, 7****, 17, 19, 21****, 29, 31, 33****	2,418.76	Water Power Potential/WPD 17	BLM	D	R - unless viable for hydropower
		T. 27 S., R. 12 W., Secs. 11***, 13***, 23***,	1,663.57	Water Power Potential/WPD 17	BLM	D	R - unless viable for hydropower



Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
		25***, 27***, 35***					
		T. 28 S., R. 9 W., Sec. 7	335.2	Water Power Potential/WPD 17	BLM	D	R - unless viable for hydropower
		T. 28 S., R. 10 W., Secs. 3, 5, 9, 11, 15***	1,296.28	Water Power Potential/WPD 17	BLM	D	R - unless viable for hydropower
		T. 28 S., R. 11 W., Secs. 1, 3, 5***, 7	883.12	Water Power Potential/WPD 17	BLM	D	R - unless viable for hydropower
		T. 28 S., R. 12 W., Secs. 1***, 3***, 11***, 13, 15***21***	1,516	Water Power Potential/WPD 17	BLM	D	R - unless viable for hydropower
<b>Total Acres for OR 19017:</b>			<b>8,112.93</b>				
OR 19142	SO of 12/4/1926	T. 22 S., R. 10 W., Secs. 15***, 21***, 22***, 26***, 27***, 34***		Water Power Potential/PSC 157	BLM	D	R - unless viable for hydropower
		T. 23 S., R. 10 W., Sec. 2***	76.86	Water Power Potential/PSC 157	BLM	D	R - unless viable for hydropower
		T. 24 S., R. 8 W., Sec. 31***		Water Power Potential/PSC 157	BLM	D	R - unless viable for hydropower
OR 19116	EO of 12/12/1917	T. 26 S., R. 9 W., Secs. 10***, 14***	640	Water Power Potential/PSR 662	BLM	D	R - unless viable for hydropower
		T. 32 S., R. 13 W., Secs. 17, PB 37	387	Water Power Potential/PSR 662	BLM	D	R - unless viable for hydropower
		T. 32 S., R. 14 W., Secs. 11, 12	160	Water Power Potential/PSR 662	BLM	D	R - unless viable for hydropower
	EO of 12/12/1910	T. 25 S., R. 12 W., Secs. 29-33	400	Resource Protection/Coal Lands	BLM		
OR 19180	USGS Order of 7/15/1947	T. 26 S., R. 8 W., Sec. 8	80	Water Power Potential/PSC 382	BLM	D	R - unless viable for hydropower
ORE 013683	PLO 4448	T. 29.5 S., R. 7 W., Secs. 32	4.3	Reclamation Project/Umpqua River	COE	B	C
OR 19142				Water Power Potential/PSC 157	BLM	D	



**Table J-3. Withdrawals in the Eugene District.**

Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
ORE 05555	BO of 7/12/1957	T. 15 S., R. 7 W., Sec. 7	40	Air Navigation	FAA	A	C
ORE 013117	PLO 3610	T. 18 S., R. 1 E., Sec. 31	See total acres below	Fall Creek Reservoir	COE	B	C
		T. 19 S., R. 1 E., Sec. 6		Fall Creek Reservoir	COE	B	C
Total Acres for ORE 013117:			81.2				
OR 19234	PLO 497	T. 17 S., R. 5 W., Secs. 27, 28	5.27	Fern Ridge Reservoir	COE	A	C
OR 19240	PLO 727	T. 19 S., R. 1 E., Sec. 34	1.37	Lookout Point Reservoir	COE	A	C
OR 711	PLO 4395	T. 16 S., R. 12 W., Sec. 33	1	Oregon Islands National Wildlife Refuge	USFWS	B	C
OR 25306	PLO 6287	T. 16 S., R. 12 W., Sec. 33	1	Oregon Islands National Wildlife Refuge	USFWS	B	C
ORE 016183A	PLO 3869	T. 16 S., R. 7 W., Sec. 19	See total acres below	Lake Creek, Whittaker Creek, Clay Creek, Haight Creek, Sharps Creek Recreation Sites	BLM	B	C
		T. 18 S., R. 8 W., Sec. 21		Lake Creek, Whittaker Creek, Clay Creek, Haight Creek, Sharps Creek Recreation Sites	BLM	B	C
		T. 19 S., R. 7 W., Secs. 19, 35		Lake Creek, Whittaker Creek, Clay Creek, Haight Creek, Sharps Creek Recreation Sites	BLM	B	C
		T. 22 S., R. 1 W., Sec. 15		Lake Creek, Whittaker Creek, Clay Creek, Haight Creek, Sharps Creek Recreation Sites	BLM	B	C
Total Acres for ORE 016183A:			440.12				
ORE 012093	PLO 5490	*Various Townships	9,000.52	Reserved for multiple use management	BLM	Surface closed to ag laws	E
OR 8754	PLO 5229	T. 15 S., R. 1 W., Secs. 29, 30, 31, 32	260	Shotgun Creek recreation site	BLM	B	C
OR 46473	PLO 6963	T. 18 S., R. 12 W., Secs. 3, 15	257.6	Florence Sand Dunes	BLM	B	C
OR 48744	PLO 7081	T. 17 S., R. 3 E., Secs. 3, 9, 10, 11	292.25	Eagle Rock Section of McKenzie River	BLM	B	C
OR 19133**	SO of 6/7/1922	T. 19 S., R. 7 W., Secs. 21, 25, 35	See total acres below	Protect water power and reservoir development potential/PSC 41	BLM	D	C
		T. 20 S., R. 6 W., Sec. 5		PSC 41	BLM	D	C
Total Acres for OR 19133:			550.49				
OR 19148**	SO of 5/23/1957	T. 20 S., R. 2 W., Sec. 31	See total acres below	Protect water power and reservoir development potential/PSC 180	BLM	D	C
		T. 21 S., R. 1 W., Secs. 31***, 33, 35		Protect water power and reservoir development potential/PSC 180	BLM	D	C
		T. 21 S., R. 2 W., Sec. 15		PSC 180	BLM	D	C
Total Acres for OR 19148:			300.6				
OR	DO of	T. 16 S., R. 2 E., Secs. 23,	276.64	Protect water power and reservoir	BLM	D	C



Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
19186**	7/25/1952	24, 27		development potential/PSC 426			
OR 19040**	EO of 7/2/1910	T. 16 S., R. 2 E., Secs. 28***, 34***	See total acres below	Protect water power and reservoir development potential/PSR 95	BLM	D	C
		T. 17 S., R. 2 E., Sec. 2***		PSR 95	BLM	D	C
		T. 17 S., R. 3 E., Sec. 4		PSR 95	BLM	D	C
Total Acres for OR 19040:			152.28				
OR 19059**	EO of 7/10/1910	T. 16 S., R. 3 E., Sec. 31***	See total acres below	Protect water power and reservoir development potential/PSR 285	BLM	D	C
		T. 17 S., R. 3 E., Sec. 4		Protect water power and reservoir development potential/PSR 285	BLM	D	C
Total Acres for OR 19059:			163.56				
OR 19113**	EO of 12/12/1917	T. 15 S., R. 6 W., Sec. 7	See total acres below	Protect water-power development potential/PSR 659	BLM	D	C
		T. 16 S., R. 7 W., Sec. 19		Protect water-power development potential/PSR 659	BLM	D	C
		T. 17 S., R. 8 W., Secs. 1***, 3***, 17****		Protect water-power development potential/PSR 659	BLM	D	C
		T. 18 S., R. 7 W., Secs. 3***, 31, 33		Protect water-power development potential/PSR 659	BLM	D	C
		T. 18 S., R. 8 W., Secs. 17, ***21, 27, 35		Protect water-power development potential/PSR 659	BLM	D	C
		T. 19 S., R. 6 W., Secs. 7, 9, 29, 31		Protect water-power development potential/PSR 659	BLM	D	C
		T. 19 S., R. 7 W., Secs. 1, 3, 5, 9, 19, 21, 27, 35		Protect water-power development potential/PSR 659	BLM	D	C
		T. 19 S., R. 8 W., Secs. 3, 11, 13		Protect water-power development potential/PSR 659	BLM	D	C
		T. 20 S., R. 6 W., Secs. 1, 3, 5, 9, 11		Protect water-power development potential/PSR 659	BLM	D	C
		T. 20 S., R. 7 W., Sec. 3		Protect water-power development potential/PSR 659	BLM	D	C
Total Acres for OR 19113:			5,961.48				
OR 19115**	EO of 12/12/1917	T. 16 S., R. 2 E., Secs. 29, 33***, 35***	See total acres below	Protect water-power development potential/PSR 661	BLM	D	C
		T. 17 S., R. 2 E., Sec. 1***		Protect water-power development potential/PSR 661	BLM	D	C
		T. 17 S., R. 3 E., Secs. 3***, 5***, 9***		Protect water-power development potential/PSR 661	BLM	D	C
		T. 20 S., R. 2 W., Sec. 31		Protect water-power development potential/PSR 661	BLM	D	C



Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
		T. 21 S., R. 1 W., Secs. 31***, 33, 35		Protect water-power development potential/PSR 661	BLM	D	C
		T. 21 S., R. 2 W., Secs. 3***, 7***, 31		Protect water-power development potential/PSR 661	BLM	D	C
		T. 22 S., R. 2 W., Secs. 5, 15, 23		Protect water-power development potential/PSR 661	BLM	D	C
		T. 23 S., R. 2 W., Sec. 1		Protect water-power development potential/PSR 661	BLM	D	C
Total Acres for OR 19115:			1,103.6				
OR 19116**	EO of 12/12/1917	T. 18 S., R. 8 W., Sec. 28	40	Protect water-power development potential/PSR 662	BLM	D	C
OR 19127**	EO of 2/19/1920	T. 22 S., R. 1 W., Secs. 1***, 5, 9, 15****, 23, 27, 35	1,249.16	Protect water-power development potential/PSR 661	BLM	D	C
OR 19127**	EO of 2/19/1920	T. 23 S., R. 1 W., Secs. 1, 7		PSR 730	BLM	D	C
OR 19014**	SO of 12/12/1917	T. 15 S., R. 6 W., Sec. 7	See total acres below	Protect water-power development potential/WD 14	BLM	D	C
		T. 16 S., R. 2 E., Secs. 29, 33***, 35***		Protect water-power development potential/WD 14	BLM	D	C
		T. 16 S., R. 7 W., Sec. 19		Protect water-power development potential/WD 14	BLM	D	C
		T. 17 S., R. 2 E., Sec. 1***		Protect water-power development potential/WD 14	BLM	D	C
		T. 17 S., R. 3 E., Secs. 3***, 5***, Sec. 9***		Protect water-power development potential/WD 14	BLM	D	C
		T. 17 S., R. 8 W., Secs. 1***, 3***		Protect water-power development potential/WD 14	BLM	D	C
		T. 18 S., R. 7 W., Secs. 31, 33		Protect water-power development potential/WD 14	BLM	D	C
		T. 18 S., R. 8 W., Secs. 17***, 21, 27, 35		Protect water-power development potential/WD 14	BLM	D	C
		T. 19 S., R. 6 W., Secs. 7, 9, 29, 31		Protect water-power development potential/WD 14	BLM	D	C
		T. 19 S., R. 7 W., Secs. 1****, 3****, 5, 9, 11***, 19, 21, 27, 35		Protect water-power development potential/WD 14	BLM	D	C
		T. 19 S., R. 8 W., Secs. 3, 11, 13		Protect water-power development potential/WD 14	BLM	D	C
		T. 20 S., R. 2 W., Sec. 31		Protect water-power development potential/WD 14	BLM	D	C
		T. 20 S., R. 6 W., Secs. 1,		Protect water-power development	BLM	D	C

Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
		3, 5, 9, 11		potential/YPD 14			
		T. 20 S., R. 7 W., Sec. 3		Protect water-power development potential/YPD 14	BLM	D	C
		T. 21 S., R. 1 W., Secs. 31****, 33, 35		Protect water-power development potential/YPD 14	BLM	D	C
		T. 21 S., R. 2 W., Secs. 3***, 7, 31		Protect water-power development potential/YPD 14	BLM	D	C
		T. 22 S., R. 1 W., Secs. 1***, 5, 9, 15****, 23, 27, 35		Protect water-power development potential/YPD 14	BLM	D	C
		T. 22 S., R. 2 W., Secs. 5, 15, 23		Protect water-power development potential/YPD 14	BLM	D	C
		T. 23 S., R. 1 W., Secs. 1, 7		Protect water-power development potential/YPD 14	BLM	D	C
		T. 23 S., R. 2 W., Sec. 1		Protect water-power development potential/YPD 14	BLM	D	C
Total Acres for OR 19014:			8,234.24				
OR 19016**	SO of 12/24/1919	T. 23 S., R. 1 W., Sec. 1	80	Protect water power and reservoir development potential/YPD 16	BLM	D	C
OR 52939	PLO 7445	T. 20 S., R. 2 W., Secs. 30, 31, 32, 33, 34	See total acres below	Row River Trail and associated recreation facilities	BLM	B	C
		T. 20 S., R. 3 W., Sec. 25, 36		Row River Trail and associated recreation facilities	BLM	B	C
		T. 21 S., R. 1 W., Secs. 19, 30, 31, 32		Row River Trail and associated recreation facilities	BLM	B	C
		T. 21 S., R. 2 W., Secs. 2, 3, 11, 13, 14, 24		Row River Trail and associated recreation facilities	BLM	B	C
		T. 21 S., R. 3 W., Sec. 1		Row River Trail and associated recreation facilities	BLM	B	C
		T. 22 S., R. 1 W., Sec. 5		Row River Trail and associated recreation facilities	BLM	B	C
Total Acres for OR 52939:			178.95				
OR 50856	PLO 7215	T. 18 S., R. 12 W., Sec. 2	36.52	Pacific Coastline Highway 101	BLM	B	C



**Table J-4.** Withdrawals in the Klamath Falls Field Office.

Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
ORE 05433	BO of 6/14/57	T. 40 S., R. 10 E., Sec. 9	80	Air navigation/ANS 57	FAA	A	Modify withdrawal, 80 acres Revoke
		T. 40 S., R. 10 E., Sec. 10	80	Air navigation/ANS 57	FAA	A	80 acres revoked/Partial R/Continue
Total Acres for ORE 05433:			160				
OR 36244	BO of 2/11/47	T. 39 S., R. 9 E., Sec. 21	51.12	Kingsley Field	USAF	B	Modify withdrawal. Partial revocation/continuation
OR19001	EO 5907	T. 38 S., R. 13 E., Sec. 35	40	Public Water Reserve 146	BLM	E	C
OR 20219	EO of 1/24/1914	T. 41 S., R. 13 E., Sec. 6	52.14	Public Water Reserve 15	BLM	E	C
		T. 40 S., R. 13 E., Secs. 19, 31	189.55	Public Water Reserve 15	BLM	E	C
		T. 41 S., R. 12 E., Sec. 1	40	Public Water Reserve 15	BLM	E	C
		T. 40 S., R. 12 E., Sec. 24	160	Public Water Reserve 15	BLM	E	C
		Total Acres for OR 20219:			441.69		
OR 9041	EO 4/17/1926	T. 41 S., R. 14.5 E., Sec. 1	40	Public Water Reserve 107	BLM	E	C
ORE 016183E	PLO 3869	T. 39 S., R. 13 E., Secs. 2, 11	160	Gerber Reservoir recreation site	BLM	B	C – Needed to protect the investment of federal
ORE 016183D	PLO 3869	T. 38 S., R. 5 E., Sec. 21	40	Surveyor Mountain recreation site	BLM	B	C – Needed to protect the investment of federal
ORE 016183D	PLO 3869	T. 40 S., R. 7 E., Sec. 6	14.35	Topsy recreation site	BLM	B	C – Needed to protect the investment of federal
ORE 012799	PLO 3274	T. 39 S., R. 9 E., Sec. 21	10.04	Administrative site	USFWS	B	R – Suitable for return to Public Domain
OR 20243	SO of 7/9/1904	T. 39 S., R. 14 E., Secs. 5-8, 16-22	See total acres below	Klamath Basin Reclamation Project	BR	B	R – Suitable for return to Public Domain
		T. 38 S., R. 14 E., Secs. 31, 32		Klamath Basin Reclamation Project	BR	B	R – Suitable for return to Public Domain

Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
Total Acres for OR 20243:			3,585.82				
	SO of 7/27/1904	T. 38 S., R. 13 E., Sec. 35	120	Klamath Basin Reclamation Project	BR	B	R – Wdl relinquished. Suitable for return to BLM.
		T. 39 S., R. 13 E., Secs. 1, 2, 11-14, 23, 26, 27, 33, 34	2,758.87	Klamath Basin Reclamation Project	BR	B	R – Wdl relinquished. Suitable for return to BLM.
Total Acres for SO of 7/27/1904:			2,878.87				
OR 2870	PL 88-567	T. 34 S., R. 6 E., Secs. 1, 12, 13, 25, 26, 35, 36	See total acres below	Upper Klamath National Wildlife Refuge	USFWS		C
		T. 35 S., R. 6 E., Secs. 1, 2, 12, 13, 24, 25, 35, 36, PB 37, 38		Upper Klamath National Wildlife Refuge	USFWS		C
		T. 37 S., R. 8 E., Sec. 36		Upper Klamath National Wildlife Refuge	USFWS	Closed to homestead entry	C
Total Acres for OR 2870:			Not available				
OR 4669	PLO 1512	T. 37 S., R. 7.5 E., Secs. 9, 10	6	Upper Klamath National Wildlife Refuge, Addition	USFWS		C
OR 20587	EO 4851	T. 35 S., R. 6 E., Secs. 1, 2, 12, 13, 24, 25, 35, 36, PB 37, 38	See total acres below	Upper Klamath National Wildlife Refuge	USFWS	B	C
		T. 36 S., R. 6 E., Secs. 2, 3, 11-14, PB 37-42		Upper Klamath National Wildlife Refuge	USFWS	B	C
Total Acres for OR 20587:			Not available				
OR 22625	EO 924	T. 37 S., R. 8 E., Secs. 23-28, 31-36	See total acres below	Lower Klamath National Wildlife Refuge	USFWS	B	C
		T. 40 S., R. 8 E., Secs. 1-16, 21-27, 34-36		Lower Klamath National Wildlife Refuge	USFWS	B	C
		T. 40 S., R. 9 E., Secs. 6-8, 17-21, 27-35		Lower Klamath National Wildlife Refuge	USFWS	B	C
		T. 41 S., R. 10 E., Secs. 7, 17, 18		Lower Klamath National Wildlife Refuge	USFWS	B	C
		T. 41 S., R. 9 E., Secs. 1-6, 8-13		Lower Klamath National Wildlife Refuge	USFWS	B	C
		T. 41 S., R. 8 E., Secs. 1-5, 9-16		Lower Klamath National Wildlife Refuge	USFWS	B	C
Total Acres for OR 22625:			Not available				
OR 20246	SO of 1/28/1905	T. 37 S., R. 8 E., Sec. 17	68.7	Klamath Basin Reclamation Project	BR		R



Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
OR 20249	SO of 1/20/1910	T. 34 S., R. 6 E., Secs. 1, 12, 13, 25, 26, 35, 36	See total acres below	Klamath Basin Reclamation Project,	BR	B	R
		T. 35 S., R. 6 E., Secs. 1, 2, 12, 13, 24, 25, 35, 36, PB 37, 38		Klamath Basin Reclamation Project	BR	B	C
		T. 36 S., R. 6 E., Secs. 2, 3, 11-14, PB 37-42		Klamath Basin Reclamation Project	BR	B	C
Total Acres for OR 20249:			Not available				
OR 20253	SO of 6/25/1919	T. 41 S., R. 10 E., Secs. 15, 16,	See total acres below	Klamath Basin Reclamation Project	BR	B	C
		T. 41 S., R. 9 E., Secs. 3-6, 8-10, 12, 14-18		Klamath Basin Reclamation Project	BR	B	C
		T. 41 S., R. 8 E., Secs. 1, 4, 9, 11-16		Klamath Basin Reclamation Project	BR	B	C
		T. 40 S., R. 8 E., Sec.25		Klamath Basin Reclamation Project	BR	B	C
Total Acres for OR 20253:			Not available				
OR 20244	SO of 7/19/1904	T. 40 S., R. 9 E., Sec. 24	See total acres below	Klamath Basin Reclamation Project	BR	B	C
		T. 41 S., R. 9 E., Secs. 3-6, 8-10, 12, 14-17		Klamath Basin Reclamation Project	BR	B	C
Total Acres for OR 20244:			Not available				
OR 20246	SO of 1/28/1905	T. 41 S., R. 9 E., Secs. 3-6, 8-10, 12, 14-17		Klamath Basin Reclamation Project	BR	B	C
OR 20254	SO of 7/31/1919	T. 39 S., R. 11 E., Sec. 19	80	Klamath Basin Reclamation Project	BR	B	R – Withdrawal relinquished, suitable for return to Public Domain
OR 20240	SO of 6/20/1922	T. 41 S., R. 14 E., Secs. 19, 20	29.55	Klamath Basin Reclamation Project	BR	B	C
OR 20259	SO of 2/25/1939	T. 39 S., R. 12 E., Secs. 22, 26	120	Klamath Basin Reclamation Project	BR	B	R – Withdrawal relinquished, suitable for return to Public Domain
OR 20261	SO of 4/21/1940	T. 40 S., R. 14 E., Sec. 5	41.04	Klamath Basin Reclamation Project	BR	B	R – Withdrawal relinquished, suitable for return to Public Domain
OR 20239	SO of 2/21/1946	T. 41 S., R. 14 E., Secs. 15, 20-23	1,063.8	Klamath Basin Reclamation Project	BR	B	C
OR 20264	BO of 2/11/1947	T. 39 S., R. 9 E., Secs. 20-22, 25, 27, 28, 31-34	60.14	Klamath Basin Reclamation Project	BR	B	C
		T. 40 S., R. 9 E., Sec. 3	278.41	Klamath Basin Reclamation Project	BR	B	C

Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
Total Acres for OR 20264:			338.55				
OR 20263	SO of 1/6/1944	T. 40 S., R. 9 E., Sec. 15	160	Klamath Basin Reclamation Project	BR	B	C
OR 20262	SO of 6/18/1940	T. 39 S., R. 12 E., Sec. 28	40	Klamath Basin Reclamation Project	BLM	D	C
	SO of 3/31/1939	T. 40 S., R. 14 E., Secs. 5***, 7***, 17***	53.35	Klamath Basin Reclamation Project			C
OR 19085	EO 2/1/1917	T. 41 S., R. 6 E., Secs. 2, 7, 10, 18	313.95	Water Power Potential/PSR 579	BLM	D	C
OR 44762		T. 40 S., R. 6 E., Secs.1, 12-14, 23, 26, 34, 35	See total acres below	Klamath Wild and Scenic River		Various	C
		T. 40 S., R. 7 E., Sec.6		Klamath Wild and Scenic River			C
Total Acres for OR 44762:			Not available				
OR 19054	EO 4/13/1912	T. 41 S., R. 6 E., Secs. 4, 8, 10	See total acres below	Water Power Potential/PSR 258	BLM	D	C
		T. 40 S., R. 6 E., Sec. 12, 14, 26, 34		Water Power Potential/PSR 258	BLM	D	C
		T. 41 S., R. 5 E., Sec. 13		Water Power Potential/PSR 258	BLM	D	C
Total Acres for OR 19054:			1,611.34				
OR 18974	FPC Order of 1/28/1954	T. 39 S., R. 7 E., Secs. 26-29, 35, 36		Protection of J.C. Boyle Power Project/Power project 2082	FERC		C
		T. 40 S., R. 7 E., Sec. 6	14.47	Protection of J.C. Boyle Power Project/Power project 2082	FERC	B	C
		T. 40 S., R. 6 E., Secs. 1, 12-14, 23, 26, 27, 34, 35	23.41	Protection of J.C. Boyle Power Project/Power project 2082	FERC	B	C
		T. 41 S., R. 6 E., Secs. 3, 5, 6, 10		Protection of J.C. Boyle Power Project/Power project 2082	FERC	B	C
Total Acres for OR 18974:			Not available				
OR 19131	SO 5/19/1921	T. 41 S., R. 5 E., Sec. 12	6.42	Protect water, power, and reservoir development Potential/PSC 2	BLM	B	C



**Table J-5.** Withdrawals in the Medford District.

Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
ORE 016674	PLO 5105	T. 33 S., R. 1 E., Secs. 11, 13, 14, 23, 24, 27, 35	See total acres below	Lost Creek Reservoir	COE	B	C
		T. 33 S., R. 2 E., Secs. 11, 15, 19		Lost Creek Reservoir	COE.	B	R (716.88 acres)
Total Acres for ORE 016674:			2,483.48				
ORE 016753	PLO 6373	T. 32 S., R. 1 E., Sec. 33	See total acres below	Elk Creek Reservoir	COE	B	C
		T. 33 S., R. 1 E., Secs. 5, 9, 21, 29		Elk Creek Reservoir	COE	B	C
Total acres for ORE 016753:			840.59				
OR 49	PLO 4132	T. 35 S., R. 6 W., Sec. 9	200	Sprague Orchard	BLM	B	C
OR 10729	PLO 5481	T. 36 S., R. 6 W., Sec. 3	160	Sprague Orchard	BLM	B	C
ORE 04135	PLO 1726	T. 35 S., R. 6 W., Sec.	See total acres below	Recreation area	BLM	B	R (519.8 acres)
		T. 33 S., R. 10 W., Secs.9, 10, 16		Recreation area	BLM	B	C
		T. 33 S., R. 9 W., Secs. 8, 16-18, 22, 23, 26, 35, 36		Recreation area	BLM	B	C
		T. 33 S., R. 8 W., Secs. 32-35		Recreation area	BLM	B	C
		T. 33 S., R. 7 W., Sec. 31		Recreation area	BLM	B	C
		T. 33 S., R. 1 E., Secs. 23, 24, 32		Recreation area	BLM	B	C
		T. 33 S., R. 2 E., Secs. 11, 19		Recreation area	BLM	B	C
		T. 34 S., R. 9 W., Sec. 1, 2		Recreation area	BLM	B	C
		T. 34 S., R. 8 W., Secs. 1, 5, 6, 12, 13, 24, 25		Recreation area	BLM	B	C
		T. 34 S., R. 7 W., Secs. 6, 19, 30, 31		Recreation area	BLM	B	C
		T. 34 S., R. 1 W., Secs. 2, 3, 10		Recreation area	BLM	B	C
		T. 35 S., R. 8 W., Sec. 1		Recreation area	BLM	B	C
		T. 35 S., R. 7 W., Secs. 3-6, 9, 10, 24		Recreation area	BLM	B	C
		T. 36 S., R. 7 W., Secs. 2, 3, 11, 12		Recreation area	BLM	B	C
		T. 36 S., R. 3 W., Secs. 11-13		Recreation area	BLM	B	C
		T. 36 S., R. 2 W., Sec. 13		Recreation area	BLM	B	C

Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
		T. 39 S., R. 2 W., Secs.19, 23		Recreation area	BLM	B	C
Total Acres for ORE 04135:			15,481.14				
ORE 012261	PLO 3165	T. 33 S., R. 8 W., Sec. 33	See total acres below	Recreation area	BLM	B	C
		T. 34 S., R. 8 W., Secs. 2, 3, 13, 25		Recreation area	BLM	B	C
		T. 35 S., R. 8 W., Sec. 1		Recreation area	BLM	B	C
Total Acres for ORE 012261:			174.21				
ORE 016183D	PLO 3869	T. 32 S., R. 9 W., Sec. 16	See total acres below	Recreation area	BLM	B	R
		T. 35 S., R. 9 W., Sec. 11		Recreation area	BLM	B	R
		T. 38 S., R. 7 W., Sec. 1		Recreation area	BLM	B	R
		T. 39 S., R. 2 W., Sec. 25		Recreation area	BLM	B	R
		T. 39 S., R. 3 E., Secs. 21, 22		Recreation area	BLM	B	R
Total Acres for ORE 016183D:			444.35				
OR 19008	SO of 1/19/1917	T. 38 S., R. 3 E., Sec. 25***	See total acres below	Water Power Potential/WPD 3	BLM	C	R
		T. 38 S., R. 4 E., Secs. 31***, 33		Water Power Potential/WPD 3	BLM	C	R
		T. 39 S., R. 3 E., Secs. 3***, 11***, 15***,		Water Power Potential/WPD 3	BLM	C	R
		T. 39 S., R. 4 E., Secs. 5***, 9, 15, 21****, 27****		Water Power Potential/WPD 3	BLM	C	R
Total Acres for OR 19008:			5,631.54				
OR 19010	SO of 4/27/1917	T. 33 S., R. 1 E., Secs. 23, 27, 32, 33****	See total acres below	Water Power Potential/WPD 10	BLM	C	C
		T. 33 S., R. 2 E., Sec. 1***, 11***, 15, 17***, 19****		Water Power Potential/WPD 10	BLM	C	C
		T. 33 S., R. 3 E., Sec. 7***		Water Power Potential/WPD 10	BLM	C	C
		T. 34 S., R. 1 W., Sec. 3****, 15, 21***, 29****		Water Power Potential WPD 10	BLM	C	C
		T. 34 S., R. 1 E., Secs. 3****, 11***, 13, 23***, 25****, 35		Water Power Potential WPD 10	BLM	C	C
		T. 34 S., R. 2 E., Sec.7, 33****		Water Power Potential WPD 10	BLM	C	C



Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
		T. 35 S., R. 7 W., Secs. 3-5 9-11, 13, 25***, 35***		Water Power Potential WPD 10	BLM	C	C
		T. 35 S., R. 6 W., Sec. 19		Water Power Potential WPD 10	BLM	C	C
		T. 35 S., R. 6 W., Secs. 5***, 9***, 13****		Water Power Potential WPD 10	BLM	C	C
		T. 35 S., R. 1 E., Secs. 1, 3, 5, 17		Water Power Potential WPD 10	BLM	C	C
		T. 35 S., R. 2 E., Sec. 13		Water Power Potential WPD 10	BLM	C	C
		T. 35 S., R. 3 E., Sec. 7		Water Power Potential WPD 10	BLM	C	C
		T. 36 S., R. 7 W., Sec. 11		Water Power Potential WPD 10	BLM	C	C
		T. 36 S., R. 6 W., Sec. 21		Water Power Potential WPD 10	BLM	C	C
		T. 36 S., R. 5 W., Secs. 21***, 23***		Water Power Potential WPD 10	BLM	C	C
		T. 36 S., R. 7 W., Secs. 19, 21****, 25****, 29***		Water Power Potential WPD 10	BLM	C	C
		T. 36 S., R. 3 W., Secs. 11, 13, 17***, 21***		Water Power Potential WPD 10	BLM	C	C
		T. 36 S., R. 2 W., Secs. 1***, 13***, 15***		Water Power Potential WPD 10	BLM	C	C
		T. 38 S., R. 8 W., Secs. 27, 35		Water Power Potential WPD 10	BLM	C	C
		T. 39 S., R. 8 W., Secs. 3, 5****, 9****, 17, 20***, 27***, 29		Water Power Potential WPD 10	BLM	C	C
Total Acres for OR 19010:			12,228.88				
OR 19013	SO of 4/27/1917	T. 32 S., R. 6 W., Sec. 23	See total acres below	Transmission Line/WPD 13	BLM	C	R
		T. 33 S., R. 6 W., Sec. 15		Transmission Line/WPD 13	BLM	C	R
		T. 33 S., R. 1 E., Secs. 13, 32, 33		Transmission Line/WPD 13	BLM	C	R
		T. 33 S., R. 2 E., Secs. 17-19		Transmission Line/WPD 13	BLM	C	R
		T. 34 S., R. 5 W., Secs. 17, 29		Transmission Line/WPD 13	BLM	C	R
		T. 34 S., R. 1 W., Sec. 21		Transmission Line/WPD 13	BLM	C	R
		T. 34 S., R. 1 W., Secs. 9, 21, 29, 31		Transmission Line/WPD 13	BLM	C	R
		T. 35 S., R. 5 W., Sec. 19		Transmission Line/WPD 13	BLM	C	R
		T. 36 S., R. 5 W., Secs. 5, 23		Transmission Line/WPD 13	BLM	C	R

Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
		T. 36 S., R. 4 W., Sec. 21		Transmission Line/WPD 13	BLM	C	R
		T. 36 S., R. 2 W., Sec. 1		Transmission Line/WPD 13	BLM	C	R
		T. 39 S., R. 2 E., Sec. 17, 35		Transmission Line/WPD 13	BLM	C	R
		T. 40 S., R. 3 E., Secs. 7, 17, 21, 27, 35		Transmission Line/WPD 13	BLM	C	R
		T. 41 S., R. 3 E., Sec. 1		Transmission Line/WPD 13	BLM	C	R
		T. 41 S., R. 4 E., Secs. 7, 17		Transmission Line/WPD 13	BLM	C	R
Total Acres for OR 19013:			127.27				
OR 19018	SO of 4/13/1942	T. 33 S., R. 4 W., Sec. 31	See total acres below	Water Power Potential/WPD 18	BLM	C	C
		T. 34 S., R. 5 W., Sec. 31		Water Power Potential/WPD 18	BLM	C	C
		T. 34 S., R. 4 W., Sec. 5		Water Power Potential/WPD 18	BLM	C	C
		T. 34 S., R. 3 W., Secs. 23, 25, 35		Water Power Potential/WPD 18	BLM	C	C
Total Acres for OR 19018:			872.35				
OR 19047	EO of 12/1/1910	T. 33 S., R. 1 E., Secs. 24, 32, 31****	See total acres below	Power Site Potential/PSR 161	BLM	C	C
		T. 34 S., R. 1 W., Secs. 2, 3, 10		Power Site Potential/PSR 161	BLM	C	C
Total Acres for OR 19047:			157.49				
OR 19048	EO of 12/19/1910	T. 35 S., R. 7 W., Secs. 4, 6, 10, 26	See total acres below	Power Site Potential/PSR 167	BLM	C	C
		T. 36 S., R. 7 W., Secs. 2***, 12		Power Site Potential/ PSR 167	BLM	C	C
		T. 36 S., R. 3 W., Secs. 11, 12***		Power Site Potential/PSR 167	BLM	C	C
Total Acres for OR 19048:			495.38				
OR 19078	EO of 3/28/1916	T. 36 S., R. 4 W., Secs. 22, 24***	2.17	Power Site Potential/PSR 528	BLM	C	C
OR 19088	EO of 1/19/1917	T. 38 S., R. 3 E., Sec. 25****	See total acres below	Power Site Potential/PSR 583	BLM	C	R
		T. 38 S., R. 4 E., Secs. 31, 33		Power Site Potential/PSR 583	BLM	C	R
		T. 39 S., R. 4 E., Secs. 5****, 9, 15, 21, 27		Power Site Potential/PSR 583	BLM	C	R
Total Acres for OR 19088:			1,799.03				
OR 19089	EO of 1/19/1917	T. 39 S., R. 3 E., Secs. 3, 11, 15	160	Power Site Potential/PSR 584	BLM	C	R
OR 19094	EO of	T. 34 S., R. 1 E., Secs.	See total acres	Power Site Potential/PSR 619	BLM	C	C



Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
	4/30/1917	3****, 11, 13, 23, 25, 35	below				
		T. 34 S., R. 2 E., Sec. 7		Power Site Potential/PSR 619	BLM	C	C
		T. 35 S., R. 1 W., Sec. 13		Power Site Potential/PSR 619	BLM	C	C
		T. 35 S., R. 1 E., Secs. 1, 3, 5, 17		Power Site Potential/PSR 619	BLM	C	C
		T. 35 S., R. 2 E., Secs. 3, 13		Power Site Potential/PSR 619	BLM	C	C
		T. 35 S., R. 3 E., Sec. 7		Power Site Potential/PSR 619	BLM	C	C
Total Acres for OR 19094:			3,360.34				
OR 19096	EO of 4/28/1917	T. 33 S., R. 1 E., Secs. 23****, 27****, 33****	See total acres below	Power Site Potential/PSR 621	BLM	C	C
		T. 33 S., R. 2 E., Secs. 1, 11***, 15***, 17***, 19****		Power Site Potential/PSR 621	BLM	C	C
		T. 33 S., R. 3 E., Sec. 7***		Power Site Potential/PSR 621	BLM	C	C
		T. 34 S., R. 1 W., Secs. 3****, 15***, 21***, 29****		Power Site Potential/PSR 621	BLM	C	C
		T. 35 S., R. 7 W., Secs. 3, 5****, 9, 11, 13****, 25****, 35****		Power Site Potential/PSR 621	BLM	C	C
		T. 35 S., R. 6 W., Secs. 19		Power Site Potential/PSR 621	BLM	C	C
		T. 35 S., R. 1 W., Secs. 5***, 9***		Power Site Potential/PSR 621	BLM	C	C
		T. 36 S., R. 7 W., Sec. 11***		Power Site Potential/PSR 621	BLM	C	C
		T. 36 S., R. 6 W., Sec. 21		Power Site Potential/PSR 621	BLM	C	C
		T. 36 S., R. 5 W., Secs. 21***, 23****		Power Site Potential/PSR 621	BLM	C	C
		T. 36 S., R. 4 W., Secs. 19****, 21**** 25, 29****		Power Site Potential/PSR 621	BLM	C	C
		T. 36 S., R. 3 W., Secs. 11****, 13, 17***, 21****		Power Site Potential/PSR 621	BLM	C	C
		T. 36 S., R. 2 W., Secs. 1***, 13****, 15****		Power Site Potential/PSR 621	BLM	C	C
Total Acres for OR 19096:			5,379.4				
OR 19139	SO of 5/8/1926	T. 33 S., R. 10 W., Secs. 3, 9, 10, 12-14	See total acres below	Power Site Potential/PSC 143	BLM	C	C
		T. 33 S., R. 9 W., Secs. 8, 16-18, 23, 26, 36		Power Site Potential/PSC 143	BLM	C	C

Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
		T. 33 S., R. 8 W., Secs. 32, 34, 35		Power Site Potential/PSC 143	BLM	C	C
		T. 33 S., R. 7 W., Secs. 31****, 32****		Power Site Potential/PSC 143	BLM	C	C
		T. 33 S., R. 1 E., Secs. 13, 14***, 23		Power Site Potential/PSC 143	BLM	C	C
		T. 33 S., R. 2 E., Sec. 3***		Power Site Potential/PSC 143	BLM	C	C
		T. 34 S., R. 9 W., Sec. 2		Power Site Potential/PSC 143	BLM	C	C
		T. 34 S., R. 8 W., Secs. 2, 6, 12, 13, 24, 25, 35		Power Site Potential/PSC 143	BLM	C	C
		T. 34 S., R. 7 W., Secs. 5, 6, 18, 19****, 30, 31		Power Site Potential/PSC 143	BLM	C	C
		T. 34 S., R. 1 E., Secs. 15, 23		Power Site Potential/PSC 143	BLM	C	C
		T. 34 S., R. 2 E., Sec. 33		Power Site Potential/PSC 143	BLM	C	C
		T. 35 S., R. 8 W., Sec. 1, 2		Power Site Potential/PSC 143	BLM	C	C
		T. 35 S., R. 7 W., Secs. 5-7		Power Site Potential/PSC 143	BLM	C	C
		T. 36 S., R. 7 W., Sec. 2***		Power Site Potential/PSC 143	BLM	C	C
		T. 36 S., R. 2 W., Sec. 18		Power Site Potential/PSC 143	BLM	C	C
		T. 37 S., R. 6 W., Secs.13, 15****, 23, 24		Power Site Potential/PSC 143	BLM	C	C
		T. 37 S., R. 5 W., Secs.17, 19***		Power Site Potential/PSC 143	BLM	C	C
Total Acres for OR 19139:			22,948.95				
OR 19143	SO of 12/10/1926	T. 35 S., R. 7 W., Sec. 5	See total acres below	Power Site Potential/PSC 158	BLM	C	C
		T. 36 S., R. 7 W., Sec. 15****		Power Site Potential/PSC 158	BLM	C	C
Total Acres for OR 19143:			71.8				
OR 19154	SO of 2/27/1929	T. 38 S., R. 4 E., Sec. 32	See total acres below	Power Site Potential/PSC 218	BLM	C	R
		T. 39 S., R. 2 E., Secs. 26, 35		Power Site Potential/PSC 218	BLM	C	R
		T. 39 S., R. 3 E., Secs. 11, 19, 20		Power Site Potential/PSC 218	BLM	C	R
		T. 39 S., R. 4 E., Secs. 5***, 15		Power Site Potential/PSC 218	BLM	C	R
Total Acres for OR 19154:			1,482.21				



Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
OR 19173	SO of 4/11/1942	T. 33 S., R. 4 W., Sec. 31	See total acres below	Power Site Potential/PSC 330	BLM	C	C
		T. 34 S., R. 5 W., Sec. 31		Power Site Potential/PSC 330	BLM	C	C
		T. 34 S., R. 4 W., Sec. 5		Power Site Potential/PSC 330	BLM	C	C
		T. 34 S., R. 3 W., Secs. 23, 25, 26, 35		Power Site Potential/PSC 330	BLM	C	C
Total Acres for OR 19173:			1,151.73				
OR 19174	SO of 4/27/1943	T. 33 S., R. 1 W., Secs. 29, 33, 35	See total acres below	Power Site Potential/PSC 340	BLM	C	C
		T. 33 S., R. 1 E., Secs. 13, 17, 18, 23, 27, 31		Power Site Potential/PSC 340	BLM	C	C
		T. 33 S., R. 2 E., Secs. 16, 17, 19		Power Site Potential/PSC 340	BLM	C	C
		T. 34 S., R. 1 W., Secs. 9, 15, 23, 27, 29, 31		Power Site Potential/PSC 340	BLM	C	C
		T. 33 S., R. 2 E., Secs. 3, 11, 15, 23		Power Site Potential/PSC 340	BLM	C	C
		T. 35 S., R. 1 W., Sec. 7		Power Site Potential/PSC 340	BLM	C	C
Total Acres for OR 19174:			5,207.45				
OR 19291	PLO 3530	T. 39 S., R. 6 W., Secs. 5, 6	210.36	Brewer Spr. RNA	BLM	B	C
ORE 03644	B.O. of 1-24-1956	T. 34 S., R. 1 W., Sec. 10	See total acres below	Rogue River Basin Project	BOR	B	C
		T. 34 S., R. 2 W., Sec. 20		Rogue River Basin Project	BOR	B	C
		T. 34 S., R. 3 E., Sec. 24		Rogue River Basin Project	BOR	B	C
		T. 34 S., R. 4 E., Sec. 32		Rogue River Basin Project	BOR	B	C
		T. 39 S., R. 4 E., Sec. 6		Rogue River Basin Project	BOR	B	C
Total Acres for ORE 03644:			875.93				
ORE 011495	PLO 4289	T. 40 S., R. 7 W., Sec. 1****	1,132.39	Rogue River Basin Project	BOR	C	C
ORE 017844	PLO 4037	T. 39 S., R. 4 E., Sec. 6	162.5	Rogue River Basin Project	BOR	B	C
OR 20519	S.O. of 2-20-1943	T. 33 S., R. 1 E., Sec. 32	See total acres below	Medford/SV Project	BOR	B	R
		T. 34 S., R. 1 W., Sec. 2		Medford/SV Project	BOR	B	R
Total acres for OR 20519:			84.64				
OR 20572	B.O. of 8-18-1950	T. 35 S., R. 2 W., Secs. 34, 35	80	Air navigation site	FAA	A	C
ORE 03801	PLO 1189	T. 34 S., R. 8 W., Sec. 2	395.5	Recreation area	USFS	B	R
OR 19110	EO of 7/23/1917	T. 32 S., R. 6 W., Sec. 23	See total acres below	Transmission Line/PSR 649	BLM	C	C

Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
		T. 33 S., R. 6 W., Sec. 15		Transmission Line/PSR 649	BLM	C	C
		T. 33 S., R. 1 E., Sec. 13		Transmission Line/PSR 649	BLM	C	C
		T. 33 S., R. 2 E., Secs. 9, 17-19		Transmission Line/PSR 649	BLM	C	C
		T. 34 S., R. 5 W., Secs. 17, 29		Transmission Line/PSR 649	BLM	C	C
		T. 34 S., R. 1 W., Sec. 21		Transmission Line/PSR 649	BLM	C	C
		T. 35 S., R. 5 W., Secs. 9, 21, 27, 29, 31		Transmission Line/PSR 649	BLM	C	C
		T. 36 S., R. 5 W., Secs. 5, 23		Transmission Line/PSR 649	BLM	C	C
		T. 36 S., R. 4 W., Sec. 21		Transmission Line/PSR 649	BLM	C	C
		T. 36 S., R. 2 W., Sec. 1		Transmission Line/PSR 649	BLM	C	C
		T. 39 S., R. 2 E., Secs. 17, 35		Transmission Line/PSR 649	BLM	C	C
		T. 40 S., R. 3 E., Secs. 7, 17, 21, 27, 35		Transmission Line/PSR 649	BLM	C	C
		T. 41 S., R. 3 E., Sec. 1		Transmission Line/PSR 649	BLM	C	C
		T. 41 S., R. 4 E., Secs. 7, 17		Transmission Line/PSR 649	BLM	C	C
Total acres for OR 19110:			Not available				
OR 37299	FO of 1/19/1983	T. 31 S., R. 4 W., Secs. 27, 28, 34, 35	See total acres below	Water Power Project/PP-7161	FERC	C	C
		T. 32 S., R. 4 W., Sec. 3		Water Power Project/PP-7161	FERC	C	C
Total acres for OR 37299:			Not available				
OR 19014	SO of 12/12/1917	T. 33 S., R. 10 W., Secs. 9****, 10, 11, 13	See total acres below	Water Power Potential/WPD 14	FERC	C	C
		T. 33 S., R. 9 W., Secs.17, 21, 23, 35		Water Power Potential/WPD 14	FERC	C	C
		T. 33 S., R. 8 W., Secs. 33****, 35		Water Power Potential/WPD 14	FERC	C	C
		T. 34 S., R. 9 W., Sec. 1		Water Power Potential/WPD 14	FERC	C	C
		T. 34 S., R. 8 W., Secs. 1, 3, 5		Water Power Potential/WPD 14	FERC	C	C
Total Acres for OR 19014:			Not available				
OR 19125	EO of 12/27/1919	T. 33 S., R. 10 W., Secs. 9****, 10, 11, 13	See total acres below	Power Site Potential/PSR 728	FERC	C	C
		T. 33 S., R. 9 W., Secs. 17, 21, 23, 35		Power Site Potential/PSR 728	FERC	C	C
		T. 33 S., R. 8 W., Secs. 33****, 35		Power Site Potential/PSR 728	FERC	C	C



Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
		T. 34 S., R. 9 W., Sec. 1		Power Site Potential/PSR 728	FERC	C	C
		T. 34 S., R. 8 W., Secs. 1, 3, 5		Power Site Potential/PSR 728	FERC	C	C
Total Acres for OR 19125:			Not available				
OR 4337	PL 90-542	T. 33 S., R. 10 W., Secs. 9-14	See total acres below	Protection of Wild and Scenic River values/Rogue W&SR	BLM	A	C
		T. 33 S., R. 9 W., Secs. 8, 15-18, 21-23, 26, 27, 35, 36		Protection of Wild and Scenic River values/Rogue W&SR	BLM	A	C
		T. 33 S., R. 8 W., Secs. 31-36		Protection of Wild and Scenic River values/Rogue W&SR	BLM	A	C
		T. 33 S., R. 7 W., Sec. 31		Protection of Wild and Scenic River values/Rogue W&SR	BLM	A	C
		T. 34 S., R. 9 W., Secs. 1, 2		Protection of Wild and Scenic River values/Rogue W&SR	BLM	A	C
		T. 34 S., R. 8 W., Secs. 1-3, 5, 6, 12, 13, 24, 25, 36		Protection of Wild and Scenic River values/Rogue W&SR	BLM	A	C
		T. 34 S., R. 7 W., Secs. 6, 18, 19, 30, 31		Protection of Wild and Scenic River values/Rogue W&SR	BLM	A	C
		T. 35 S., R. 8 W., Sec. 1		Protection of Wild and Scenic River values/Rogue W&SR	BLM	A	C
		T. 35 S., R. 7 W., Secs. 3-11, 14, 15, 23-26, 35, 36		Protection of Wild and Scenic River values/Rogue W&SR	BLM	A	C
		T. 36 S., R. 7 W., Secs. 1, 2, 11-14, 24		Protection of Wild and Scenic River values/Rogue W&SR	BLM	A	C
		T. 36 S., R. 6 W., Secs. 18, 19		Protection of Wild and Scenic River values/Rogue W&SR	BLM	A	C
		Total Acres for OR 4337:			Not available		
OR 57512	FO of 6/6/2002	T. 36 S., R. 6 W., Secs. 19, 20, 29-31		Water Power Project/PP-12205	FERC	B	R
OR 19098	EO of 5/7/1917	T. 33 S., R. 2 E., Sec. 1***	See total acres below	Power Site Potential/PSR 623	BLM	C	C
		T. 35 S., R. 7 W., Secs. 6****, 10		Power Site Potential/PSR 623	BLM	C	C
		T. 36 S., R. 7 W., Sec. 12		Power Site Potential/PSR 623	BLM	C	C
Total Acres for OR 19098:							
OR 49212	PLO 7136	T. 34 S., R. 8 W., Sec. 35	See total acres below	Protect Recreation Values/Galice Creek Recreation Area	BLM	B	E
		T. 35 S., R. 8 W., Secs. 2, 3		Protect Recreation Values/Galice Creek Recreation Area	BLM	B	E
Total Acres for OR 49212:			290				

Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
ORE 012261	PLO 3259	T. 36 S., R. 3 W., Sec. 11	79.73	Protection of R&PP/Recreation Area	BLM	B	C
OR 49218	PLO 7103	T. 37 S., R. 7 W., Sec. 36	See total acres below	Protection of Scenic, Fisheries, Wildlife, and Recreation Values	BLM	B	C
		T. 37 S., R. 6 W., Sec. 31		Limestone Caves and Crook Creek	BLM	B	C
		T. 39 S., R. 8 W., Sec. 11		Fisheries Area	BLM	B	C
Total Acres for OR 49218:			758.46				
OR 19138	SO of 1/7/1926	T. 38 S., R. 8 W., Secs. 9, 26***, 27, 28, 34, 35	See total acres below	Power Site Potential/PSC 123	BLM	C	C
		T. 39 S., R. 8 W., Secs. 5****, 15, 27****, 29, 33, 34****, 35		Power Site Potential/PSC 123	BLM	C	C
		T. 40 S., R. 8 W., Secs. 5****, 9		Power Site Potential/PSC 123	BLM	C	C
Total Acres for OR 19138:			Not available				
OR 19093	EO of 4/28/1917	T. 38 S., R. 8 W., Secs. 27, 35	See total acres below	Power Site Potential/PSR 618	BLM	C	C
		T. 39 S., R. 8 W., Secs. 3, 4***, 5, 9****, 17****, 21****, 27***, 29***		Power Site Potential/PSR 618	BLM	C	C
Total Acres for OR 19093:			Not available				
OR 19092	EO of 4/28/1917	T. 38 S., R. 8 W., Sec. 28	27.90	Power Site Potential/PSR 617	BLM	C	C
OR 56726	FO of 5/21/2001	T. 39 S., R. 2 E., Secs. 34, 35	See total acres below	Water Power Project/PP-12022	FERC	C	R
		T. 40 S., R. 2 E., Sec. 2		Water Power Project/PP-12022	FERC	C	R
Total Acres for OR 56726:			Not available				
OR 18974	FPC Orders OF 4/22/1959, 2/25/1975	T. 39 S., R. 2 E., Secs. 28, 35	See total acres below	Transmission Line/PP-2082	FERC	C	C
		T. 40 S., R. 2 E., Sec. 1		Transmission Line/PP-2082	FERC	C	C
		T. 40 S., R. 3 E., Secs. 6, 17		Transmission Line/PP-2082	FERC	C	C
		T. 41 S., R. 3 E., Sec. 1		Transmission Line/PP-2082	FERC	C	C
		T. 41 S., R. 4 E., Secs. 6-9, 12, 17		Transmission Line/PP-2082	FERC	C	C
Total Acres for OR 18974:			Not available				
	Act of 12/30/1982	T. 40 S., R. 2 E., Secs. 31, 32	See total acres below	Protection of wilderness potential/BLM Wilderness Study Area	BLM		C
		T. 41 S., R. 3 E., Secs. 5, 6		Protection of wilderness potential/BLM Wilderness Study Area	BLM		C
Total Acres for Act of 12/30/1982:			Not available				



**Table J-6.** Withdrawals in the Roseburg District.

Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
OR 19101	EO of 8/7/1917	T. 20 S., R. 7 W., Secs. 25, 27****, 33***, 35	600	Water Power Potential/PSR 629	BLM	D	C
		T. 21 S., R. 7 W., Secs. 5, 9	392.59	Water Power Potential/PSR 629	BLM	D	C
Total Acres for OR 19101:			992.59				
OR 19011	SO of 7/13/1959	T. 20 S., R. 7 W., Secs. 25, 27****, 33***, 35	600	Water Power Potential/WPD 11	BLM	D	C
		T. 21 S., R. 7 W., Secs. 5, 9	392.59	Water Power Potential/WPD 11	BLM		C
		T. 22 S., R. 7 W., Secs. 19, 31	47.45	Water Power Potential/WPD 11	BLM	D	C
		T. 23 S., R. 7 W., Secs. 5, 9***, 15, 23, 27		Water Power Potential/WPD 11	BLM	D	C
		T. 24 S., R. 7 W., Secs. 3, 11, 13***, 15***, 17, 21***, 23, 29***, 33		Water Power Potential/WPD 11	BLM	D	C
		T. 25 S., R. 7 W., Secs. 5***, 7****, 9, 15, 17, 21****, 23, 27		Water Power Potential/WPD 11	BLM	D	C
		T. 26 S., R. 2 W., Secs. 7, 13, 15, 17, 23		Water Power Potential/WPD 11	BLM	D	C
		T. 26 S., R. 3 W., Secs. 1, 9***, 11, 17***		Water Power Potential/WPD 11	BLM	D	C
		T. 26 S., R. 4 W., Sec. 7		Water Power Potential/WPD 11	BLM	D	C
		T. 26 S., R. 6 W., Secs. 5***, 7		Water Power Potential/WPD 11	BLM	D	C
		T. 30 S., R. 3 W., Secs. 25****, 29***, 31, 33****, 35		Water Power Potential/WPD 11	BLM	D	C
		T. 30 S., R. 4 W., Secs. 15, 21, 23, 25****, 27		Water Power Potential/WPD 11	BLM	D	C
Total Acres for OR 19011:			992.59				
OR 19105	EO of 7/24/1917	T. 22 S., R. 7 W., Secs. 19, 31	47.45	Water Power Potential/PSR 633	BLM	D	C
		T. 23 S., R. 7 W., Secs. 5, 9***, 15, 23, 27		Water Power Potential/PSR 633	BLM	D	C
		T. 24 S., R. 7 W., Secs. 3, 11, 13***, 15***, 17, 21***, 23, 29***, 33		Water Power Potential/PSR 633	BLM	D	C
		T. 25 S., R. 7 W., Secs.		Water Power Potential/PSR 633	BLM	D	C

Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
		5***, 7****, 9, 15, 17, 21****, 23, 27					
		T. 26 S., R. 6 W., Secs. 5***, 7		Water Power Potential/PSR 633	BLM	D	C
Total Acres for OR 19105:			Not available				
OR 19057	EO of 6/4/1912	T. 23 S., R. 7 W., Secs. 21, 32		Water Power Potential/PSR 280	BLM	D	C
		T. 24 S., R. 7 W., Secs. 20***, 28		Water Power Potential/PSR 280	BLM	D	C
		T. 25 S., R. 7 W., Secs. 6****, 7***		Water Power Potential/PSR 280	BLM	D	C
		T. 26 S., R. 2 W., Sec. 21		Water Power Potential/PSR 280	BLM	D	C
		T. 26 S., R. 3 W., Sec. 9***		Water Power Potential/PSR 280	BLM	D	C
		T. 26 S., R. 4 W., Sec. 18***		Water Power Potential/PSR 280	BLM	D	C
		T. 26 S., R. 6 W., Sec. 8		Water Power Potential/PSR 280	BLM	D	C
		T. 30 S., R. 2 W., Sec. 28		Water Power Potential/PSR 280	BLM	D	C
		T. 30 S., R. 4 W., Sec. 25***		Water Power Potential/PSR 280	BLM	D	C
Total Acres for OR 19057:			Not available				
OR 19341	PLO 754	T. 24 S., R. 7 W., Secs. 20, 21	28.28	Timber Preservation	BLM	A	C
ORE 016183B	PLO 3869	T. 21 S., R. 6 W., Sec. 1	80	Gunter recreation site	BLM	B	C
		T. 24 S., R. 7 W., Sec. 13	23.7	Tyee recreation site	BLM	B	C
		T. 25 S., R. 1 W., Sec. 23	20	Scaredman	BLM	B	C
		T. 25 S., R. 1 W., Sec. 24	40	Recreation site	BLM	B	C
		T. 25 S., R. 1 W., Sec. 25	20	Scaredman	BLM	B	C
		T. 25 S., R. 1 W., Sec. 30	40	Recreation site	BLM	B	C
		T. 25 S., R. 2 W., Sec. 15	160	Rock Creek recreation site	BLM	B	C
		T. 25 S., R. 2 W., Sec. 21	320	Mill Pond recreation site	BLM	B	C
		T. 26 S., R. 2 W., Sec. 14	160	Susan Creek Falls	BLM	B	C
		T. 26 S., R. 3 W., Sec. 9	6.44	Lone Rock	BLM	B	C
		T. 27 S., R. 2 W., Sec. 16	178.53	Wolf Creek Trail	BLM	B	C
		T. 27 S., R. 3 W., Sec. 23	80	Cavitt Creek Forest	BLM	B	C
Total Acres for ORE 016183B:			Not available				
OR 1102	EO of 6/29/1917	T. 25 S., R. 7 W., Sec. 6		Water Power Potential/PSR 630	BLM	D	C
OR 3660A	PLO 4537	T. 25 S., R. 7 W., Secs. 9, 10, 15	91.88	Umpqua recreation site	BLM	B	C



Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
OR 19144	SO of 1/20/1970	T. 25 S., R. 8 W., Sec.12	20.8	Water Power Potential/PSC 162	BLM	D	C
		T. 26 S., R. 6 W., Sec. 30***		Water Power Potential/PSC 162	BLM	D	C
		T. 26 S., R. 5 W., Sec. 26		Water Power Potential/PSC 162	BLM	D	C
Total Acres for OR 19144:			Not available				
OR 19153	SO of 6/29/1928	T. 26 S., R. 3 W., Sec. 17***		Water Power Potential/PSC 202	BLM	D	C
OR 44740	PL 100-557	T. 26 S., R. 2 W., Secs. 7, 8, 13, -18, . 20-24	1,620	North Umpqua Wild and Scenic River	BLM	VARIOUS	C
OR 18874	*FPC Orders of 12/28/1948 and 5/18/1953	T. 26 S., R. 3 W., Sec. 35		100 foot wide electric transmission line/PP 1927	BLM	B	C
		T. 26 S., R. 2 W., Secs. 7, 13-15, 17, 21, 29-31	110.11	100 foot wide electric transmission line/PP 1927	FERC	B	C
Total Acres for OR 18874:			Not available				
OR 19103	EO of 7/10/1917	T. 26 S., R. 2 W., Secs. 7, 13, 15, 17, 23	397.3	Water Power Potential/PSR 631	BLM	D	C
		T. 26 S., R. 3 W., Secs. 1, 9***, 11, 17***		Water Power Potential/PSR 631	BLM	D	C
		T. 26 S., R. 4 W., Sec. 7		Water Power Potential/PSR 631	BLM	D	C
Total Acres for OR 19103:			Not available				
OR 19184	SO of 5/29/1951	T. 26 S., R. 2 W., Secs. 14, 22, 24	300	Water Power Potential/PSC 416,	BLM	D	C
OR 19016	SO of 10/24/1919	T. 26 S., R. 2 W., Sec. 21	33.78	Water Power Potential/WPD 16	BLM	D	C
OR 18874	FPC Order of 3/30/1945	T. 26 S., R. 3 W., Secs. 1, 35	12.17	100 foot wide electric transmission line/PP 1927	FERC	B	
OR 5263	PLO 4848	T. 26 S., R. 3 W., Sec. 1	80	Swiftwater recreation site	BLM	B	C
		T. 27 S., R. 2 W., Sec. 1	80	Emile Creek recreation site	BLM	B	
		T. 27 S., R. 2 W., Sec. 8	80	Little River Wayside	BLM	B	
Total Acres for OR 5263:			585.95				
ORE 013683	PLO 4448	T. 29 S., R. 7 W., Secs. 17, 21	60.22	Umpqua River Reclamation Project	BR	B	C
		T. 30 S., R. 7 W., Secs. 5, 6	50.15	Umpqua River Reclamation Project	BR	B	C
Total Acres for ORE 013683:			110.37				
OR 19113	EO of 12/12/1917	T. 20 S., R. 7 W., Sec. 3	40	Water Power Potential/PSR 659	BLM	D	C
		T. 29 S., R. 9 W., Sec. 35	40	Water Power Potential/PSR 659	BLM	D	C
		T. 30 S., R. 3 W., Secs. 25****, 29***, 31,		Water Power Potential/PSR 659	BLM	D	C

Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
		33****, 35					
		T. 30 S., R. 4 W., Secs. 15, 21, 23, 25****, 27		Water Power Potential/PSR 659	BLM	D	C
		T. 30 S., R. 9 W., Sec. 3		Water Power Potential/PSR 659	BLM	D	C
Total Acres for OR 19113:			Not available				
OR 19014	SO of 12/12/1917	T. 20 S., R. 7 W., Sec. 3		Water Power Potential/WRD 14	BLM	D	C
		T. 29 S., R. 9 W., Sec. 35	40	Water Power Potential/WRD 14	BLM	D	C
		T. 30 S., R. 9 W., Sec. 3		Water Power Potential/WRD 14	BLM	D	C
Total Acres for OR 19014:			Not available				
OR 19152	SO of 2/15/1928	T. 30 S., R. 2 W., Secs. 23, 29, 31		Water Power Potential/PSC 198	BLM	D	C
		T. 30 S., R. 4 W., Sec. 15***		Water Power Potential/PSC 198	BLM	D	C
Total Acres for OR 19152:			Not available				
OR 19171	SO of 1/6/1940	T. 30 S., R. 2 W., Sec. 12		Water Power Potential/PSC 315	BLM	D	C
		T. 30 S., R. 3 W., Secs. 19, 29		Water Power Potential/PSC 315	BLM	D	C
		T. 30 S., R. 4 W., Sec. 29		Water Power Potential/PSC 315	BLM	D	C
		T. 31 S., R. 3 W., Sec. 3	83.61	Water Power Potential/PSC 315	BLM	D	C
Total Acres for OR 19171:			Not available				



**Table J-7. Withdrawals in the Salem District.**

Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
OR 23947	PL 96-199	T. 10 S., R. 11 W., Sec. 30	100	Yaquina Head	BLM, USCG	A	C
OR 8920	PLO 5372	T. 8 S., R. 6 W., Sec. 33	80	Little Sink RNA	BLM	B	C
OR 37275	PL 98-328	T. 7 S., R. 3 E., Secs. 12-14;	See total acres below	Table Rock Wilderness	BLM	A	C
		T. 7 S., R. 4 E., Secs. 7-12, 15-22		Table Rock Wilderness	BLM	A	C
Total Acres for OR 37275:			5,500				
ORE 05555	BO of 7/12/1957	T. 15 S., R. 7 W., Sec. 7	110.9	Air Navigation/ANS-58-1, Prairie Mtn.	FAA	B	C
ORE 03060	PLO 989	T. 3 S., R. 5 E., Secs. 26-28	600	Fish Hatchery & Eagle Creek	USFWS	B	C
ORE 015487	PLO 3609	T. 4 S., R. 3 E., Sec. 13	320	Seed Orchard/Walter Horning	BLM	B	C
ORE 016183	PLO 3869	T. 3 S., R. 7 W., Sec. 32	35	Recreation site/Alder Glenn	BLM	B	C
ORE 016183	PLO 3869	T. 14 S., R. 7 W., Secs. 25, 26	40	Recreation site /Alsea Falls	BLM	B	C
ORE 016183	PLO 3869	T. 9 S., R. 3 E., Sec. 7	80	Recreation site /Canyon Creek	BLM	B	C
ORE 016183	PLO 3869	T. 12 S., R. 3 E., Sec. 3	80	Recreation site /Dogwood	BLM	B	C
ORE 016183	PLO 3869	T. 9 S., R. 3 E., Sec. 9	120	Recreation site /Elkhorn Valley	BLM	B	C
ORE 016183	PLO 3869	T. 9 S., R. 2 E., Sec. 25	160	Recreation site /Fishermen's Bend	BLM	B	C
ORE 016183	PLO 3869	T. 3 N., R. 3 W., Sec. 21	20	Recreation site /Little Bend	BLM	B	C
ORE 016183	PLO 3869	T. 7 S., R. 6 W., Secs. 4, 9		Recreation site /Mill Creek	BLM	B	C
ORE 016183	PLO 3869	T. 14 S., R. 9 W., Sec. 13	40	Recreation site /Missouri Bend	BLM	B	C
ORE 016183	PLO 3869	T. 3 S., R. 4 E., Sec. 11	160	Recreation site /North Fork Eagle Creek	BLM	B	C
ORE 016183	PLO 3869	T. 4 N., R. 3 W., Sec. 7	30	Recreation site /Scaponia	BLM	B	C
ORE 016183	PLO 3869	T. 11 S., R. 4 E., Sec. 19	80	Recreation site /Yellowbottom	BLM	B	C
OR 6363	PLO 5136	T. 12 S., R. 7 W., Sec. 28	40	Admin. Site/Amarys Peak	USFS	B	C
OR 50856	PLO 7215	T 3 S., R. , 10 W., Sec. 30	See total acres below	Protect Lands/Pacific Coast Hwy	BLM	B	C
		T 4 S., R. , 10 W., Secs. 19, 29		Protect Lands/Pacific Coast Hwy	BLM	B	C
		T 5 S., R. , 10 W., Secs. 5, 6, 20		Protect Lands/Pacific Coast Hwy	BLM	B	C
		T 8 S., R. , 11 W., Sec. 3		Protect Lands/Pacific Coast Hwy	BLM	B	C
		T 9 S., R. , 11 W., Sec. 4		Protect Lands/Pacific Coast Hwy	BLM	B	C
		T.13 S., R. , 11 W., Sec. 28		Protect Lands/Pacific Coast Hwy	BLM	B	C
		T 14 S., R. , 12 W., Sec. 35		Protect Lands/Pacific Coast Hwy	BLM	B	C

Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
Total Acres for OR 50856:			1,007.2				
OR 18842	FPC Order of 11/17/1924	T. 2 S., R. 4 E., Sec. 1	24	Electric Power Generator/Sandy River - Marmot Dam Bull Run Project/PP 477	FERC	C	C
		T. 2 S., R. 5 E., Secs. 1, 15	24	Electric Power Generator/Sandy River - Marmot Dam Bull Run Project/PP 477	FERC	C	C
Total Acres for OR 18842:			48				
OR 19146	SO of 2/26/1927	T. 7 S., R. 3 E., Secs. 1, 5, 11-13, 15, 22-24		Potential Power Development/Molalla River PSC 170	BLM	D	R
OR 19147	SO of 2/26/1927	T. 8 S., R. 8 W., Sec. 35	957	Potential Power Development/Siletz River/PSC 171	BLM	D	R
OR 19166	SO of 1/3/1938	T. 5 N., R. 6 W., Sec. 6	10	Potential Power Development/Nehalem River/PSC 304	BLM	D	R
		T. 5 N., R. 7 W., Sec. 10	40	Potential Power Development/Nehalem River/PSC 304	BLM	D	R
Total Acres for OR 19166:			50				
OR 19183	DO of 11/9/1950	T. 14 S., R. 8 W., Secs. 15, 19, 21, 29	240	Potential Power Development/Alsea River/PSC 413	BLM	D	R
		T. 15 S., R. 8 W., Sec. 7	76	Potential Power Development/Alsea River/PSC 413	BLM	D	R
		T. 15 S., R. 9 W., Sec. 1	40	Potential Power Development/Alsea River/PSC 413	BLM	D	R
Total Acres for OR 19183:			356				
OR 19038	EO of 7/2/1910	T. 3 N., R. 8 W., Secs. 10, 18	61	Potential Power Development/Nehalem River/PSR 89	BLM	D	R
OR 19074	EO of 10/23/1914	T. 12 S., R. 1 W., Sec. 34	11	Potential Power Development/Santiam River/PSR 458	BLM	D	R
OR 19113, OR 19014	EO of 12/12/1917, SO of 12/12/1917	Various	6,149	Potential Power Development/Alsea, Nehalem, Scappoose and Trask Rivers/PSR 659, WPD 14	BLM	D	R
OR 19115, OR 19014	EO of 12/12/1917, SO of 12/12/1917	Various	10,370	Potential Power Development/Clackamas River/PSR 661, WPD 14	BLM	D	R
OR 19118	EO of 12/12/1917,	Various	1,143	Potential Power Development/Eagle Creek, So. Yamhill, Molalla and N. Santiam Rivers/PSR 664	BLM	D	R
OR 19127, OR 19014, OR 19016	EO 2/19/1920, SO 12/12/1917, SO of	Various	1,900	Potential Power Development/Clackamas, Nestucca, Sandy, Santiam Rivers/PSR 730, WPD 14 and WPD 16	BLM	D	R

Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
	12/24/1919						
OR 1572	PLO 4305	T. 14 S., R. 7 W., Sec. 25	132.5	Recreation site/Alsea Falls	BLM	B	C
OR 3660	PLO 4537	T. 2 S., R. 7 E., Sec. 31	280	Recreation site/Wildwood	BLM	B	C
		T. 8 S., R. 4 E., Sec. 31	160	Recreation site/Salmon Falls	BLM	B	C
		T. 14 S., R. 9 W., Sec. 13	10	Rec Site/Missouri Bend	BLM	B	C
		Total Acres for OR 3660:		450			
OR 19116	EO of 12/12/1917	T. 1 S., R. 6 W., Sec. 28	80	Protect Water Power and Reservoir Potential/PSR 662	BLM	D	C
		T. 3 S., R. 6 W., Secs. 8, 18	188	Protect Water Power and Reservoir Potential/PSR 662	BLM	D	C
		T. 1 S., R. 7 W., Sec. 26	160	Protect Water Power and Reservoir Potential/PSR 662	BLM	D	C
		T. 3 S., R. 7 W., Secs. 24, 26, 28, 32	1,003	Protect Water Power and Reservoir Potential/PSR 662	BLM	D	C
		T. 1 S., R. 8 W., Secs. 21, 22, 28, 29, 30		Protect Water Power and Reservoir Potential/PSR 662	BLM	D	C
Total Acres for OR 19116:		Not available					
OR 19187	DO of 1/21/1958	T. 12 S., R. 3 E., Secs. 10, 17, 19, 20, 27, 30	See total acres below	Protect Water Power and Reservoir Potential/PSC 442	BLM	D	C
		T. 12 S., R. 4 E., Sec. 19		Protect Water Power and Reservoir Potential/PSC 442	BLM	D	C
Total Acres for OR 19187:		Not available					
OR 44742	PL 100-557	T. 11 S., R. 3 E., Secs. 23-26, 35, 36	See total acres below	Protection under Wild & Scenic Rivers Act/Quartzville Creek W&SR	BLM	B	C
		T. 12 S., R. 3 E., Secs. 2, 3, 9, 10		Protection under Wild & Scenic Rivers Act/Quartzville Creek W&SR	BLM	B	C
Total Acres for OR 44742:		Not available					
OR 59658	PLO 7685	T. 11 S., R. 3 E., Secs. 25, 26, 35	See total acres below	Protection of recreation values/Quartzville Creek	BLM	B	C
		T. 12 S., R. 3 E., Secs. 2, 3, 9, 10		Protection of recreation values/Quartzville Creek	BLM	B	C
Total Acres for OR 59658:		Not available					
OR 44744	PL 100-557	T. 03 S., R. 7 E., Sec. 1	See total acres below	Salmon Wild & Scenic River	BLM	B	C
OR 59546	PL 104-208	T. 3 S., R. 10 W., Secs. 6, 7, 18, 19, 30,		Oregon Islands Wilderness Additions	BLM	A	C
		T. 5 N., R. 11 W., Sec. 1		Oregon Islands Wilderness Additions	BLM	A	C
Total Acres for OR 59546:		95					
OR 44746	PL 100-557	T. 1 S., R. 4 E., Sec. 1		Sandy Wild & Scenic River	BLM	B	C
OR 53424	PL 104-333	T. 9 S., R. 3 E., Sec. 1	See total acres below	Elkhorn Creek Wild & Scenic	BLM	B	C



Serial Number	Order Number	Legal Description	Acres	Purpose Name	Managing Agency	Segregation Effect	Recommendation
		T. 9 S., R. 4 E., Secs. 5, 6, 7		Elkhorn Creek Wild & Scenic	BLM	B	C
<b>Total Acres for OR 59546:</b>			<b>Not available</b>				
OR 11517	PLO 6287	Various		Oregon Islands National Wildlife Refuge	USFWS	B	C
ORE 11235	PLO 2952	T. 12 S., R. 3E.	860	Green Peter Reservoir	COE	C	C

### Land Tenure Zone 3 Lands

Table J-8 through Table J-13 contains Zone 3 lands that are available for disposal.

**Table J-8.** Land Tenure Zone 3 lands in the Coos Bay District.

Township	Range	Section	Subdivision	Acres	Status
19 S.	12 W.	1	Lots 1 and 2	40.48	PD
20 S.	10 W.	31	Por. lot 10	5.98	PD
20 S.	11 W.	36	Por. lot 9		
21 S.	11 W.	31	Lot 18	37.22	PD
21 S.	11 W.	32	Lots 16 and 23	59.01	PD
22 S.	08 W.	15	Lots 9 and 10	25.30	OC
22 S.	08 W.	21	Lots 7 and 14	2.42	OC
22 S.	13 W.	14	Lots 1 and 2	71.10	PD
25 S.	11 W.	30	Lot 5	39.92	PD
26 S.	08 W.	10	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
26 S.	11 W.	8	NW $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
26 S.	12 W.	9	Por. SE $\frac{1}{4}$ SW $\frac{1}{4}$	4	ACQ
26 S.	14 W.	3	Por. Lots 1 and 2, SE $\frac{1}{4}$ NW $\frac{1}{4}$	62.18	PD
26 S.	14 W.	28	NW $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
28 S.	12 W.	19	SE $\frac{1}{4}$ SE $\frac{1}{4}$	40	CBWR
30 S.	12 W.	5	Lot 6	1.80	OC
30 S.	12 W.	6	Lots 3 and 4	1.14	PD
30 S.	13 W.	21	N $\frac{1}{2}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$	20	PD
32 S.	14 W.	7	N $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$	5	PD
32 S.	15 W.	4	NE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ , Lots 1 - 4	71.75	PD
39 S.	12 W.	8	W $\frac{1}{2}$ NW $\frac{1}{4}$	80	PD
<b>Grand Total</b>				<b>687.30</b>	<b>-</b>

**Table J-9.** Land Tenure Zone 3 lands in the Eugene District.

Township	Range	Section	Subdivision	Acres	Status
14S.	1E.	19	W $\frac{1}{2}$ NE $\frac{1}{4}$	80	PD
14S.	1E.	26	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
14S.	1E.	33	NE $\frac{1}{4}$ SE $\frac{1}{4}$	40	OC
14 S.	2 E.	6	NE $\frac{1}{4}$ SW $\frac{1}{4}$	40	PD
14 S.	3 E.	19	Lot 1	37.02	PD
15 S.	2 W.	25	Por. SE $\frac{1}{4}$ SE $\frac{1}{4}$	16.19	OC
16 S.	5 W.	33	Lots 4, 7, and 8, and un-numbered lot	5.66	OC
16 S.	6 W.	7	Lot 6	3.76	OC
16 S.	2 E.	27	S $\frac{1}{2}$ SE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$	120	OC
16 S.	2 1/2 E.	1	All	32.81	PD
17 S.	1 W.	19	NW $\frac{1}{4}$ NE $\frac{1}{4}$	40	OC
17 S.	1 W.	31	Lot 3, SW $\frac{1}{4}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$	125.58	OC
17 S.	3 W.	15	Lot 6	0.85	OC
17 S.	6 W.	35	SE $\frac{1}{4}$ SE $\frac{1}{4}$	40	OC
17 S.	11 W.	19	Lot 1	44.82	PD
18 S.	1 W.	5	Por. lot 8	0.84	OC
18 S.	1 W.	26	Lot 7	1.68	PD

Township	Range	Section	Subdivision	Acres	Status
18 S.	2 W.	1	Lots 1 - 4, SW $\frac{1}{4}$ NW $\frac{1}{4}$	270.41	OC
18 S.	4 W.	33	SW $\frac{1}{4}$ NW $\frac{1}{4}$	40	OC
18 S.	4 W.	35	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40	OC
18 S.	5 W.	15	NW $\frac{1}{4}$ NW $\frac{1}{4}$	40	OC
18 S.	5 W.	23	SW $\frac{1}{4}$ NW $\frac{1}{4}$ , W $\frac{1}{2}$ SW $\frac{1}{4}$	120	OC
18 S.	7 W.	11	Por. NE $\frac{1}{4}$ NE $\frac{1}{4}$	3	OC
18 S.	9 W.	7	SE $\frac{1}{4}$ SW $\frac{1}{4}$	40	OC
18 S.	10 W.	11	Lot 9	6.24	PD
18 S.	11 W.	18	SE $\frac{1}{4}$ SE $\frac{1}{4}$	40	PD
18 S.	12 W.	15	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
19 S.	3 W.	29	SE $\frac{1}{4}$ SW $\frac{1}{4}$	40	OC
19 S.	3 W.	35	Lot 3	2.79	OC
19 S.	4 W.	29	Por. NE $\frac{1}{4}$ SW $\frac{1}{4}$	0.36	OC
19 S.	4 W.	31	Lot 1, SW $\frac{1}{4}$ SE $\frac{1}{4}$	81.33	OC
19 S.	5 W.	1	S $\frac{1}{2}$ SW $\frac{1}{4}$	80	OC
20 S.	4 W.	6	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40.23	PD
20 S.	4 W.	25	SE $\frac{1}{4}$ SW $\frac{1}{4}$	40	OC
21 S.	2 W.	7	Lot 1	41.37	OC
21 S.	1 W.	31	Lot 13	1.42	OC
21 S.	4 W.	1	N $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ NW $\frac{1}{4}$	120	OC
22 S.	1 W.	5	Por. lot 18	2.20	OC
22 S.	3 W.	7	Lots 1 and 2	91.46	OC
<b>Grand Total</b>				<b>1850.02</b>	<b>-</b>

**Table J-10.** Land Tenure Zone 3 lands in the Klamath Falls Field Office.

Township	Range	Section	Subdivision	Acres	Status
37 S.	14 E.	10	W $\frac{1}{2}$ NE $\frac{1}{4}$	80	PD
38 S.	8 E.	31	Lot 4	10.3	PD
38 S.	11 E.	17	NW $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
38 S.	11 E.	17	E $\frac{1}{2}$ SE $\frac{1}{4}$	80	PD
38 S.	11 E.	32	NE $\frac{1}{4}$ SW $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$	80	PD
39 S.	8 E.	6	Lot 8	27.2	PD
39 S.	8 E.	7	Lot 5	16.9	PD
39 S.	11 E.	2	Lot 1	40.24	PD
39 S.	12 E.	28	NE $\frac{1}{4}$ SW $\frac{1}{4}$	40	PD
40 S.	8 E.	17	SW $\frac{1}{4}$ SE $\frac{1}{4}$	40	PD
40 S.	8 E.	33	NE $\frac{1}{4}$ SW $\frac{1}{4}$	40	PD
40 S.	9 E.	23	SW $\frac{1}{4}$ NW $\frac{1}{4}$	40	PD
40 S.	11 E.	9	N $\frac{1}{2}$ NW $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$	120	PD
40 S.	11 E.	9	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
40 S.	11 E.	10	SE $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$	280	PD
40 S.	11 E.	14	NW $\frac{1}{4}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$	240	PD
40 S.	12 E.	10	SE $\frac{1}{4}$ NW $\frac{1}{4}$	40	PD
40 S.	12 E.	10	W $\frac{1}{2}$ SE $\frac{1}{4}$	80	PD
40 S.	12 E.	14	SE $\frac{1}{4}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$	200	PD
40 S.	12 E.	15	N $\frac{1}{2}$ NE $\frac{1}{4}$	80	PD



## Appendix J – Lands and Realty

Township	Range	Section	Subdivision	Acres	Status
40 S.	12 E.	15	SE $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$	120	PD
40 S.	12 E.	21	NE $\frac{1}{4}$ SE $\frac{1}{4}$	40	PD
40 S.	12 E.	22	SW $\frac{1}{4}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$	80	PD
40 S.	13 E.	35	SW $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
41 S.	7 E.	13	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
41 S.	7 E.	13	Lot 4	24.69	PD
41 S.	11 E.	8	Lot 6	7.12	PD
<b>Grand Total</b>				<b>1966.45</b>	<b>-</b>

**Table J-11.** Land Tenure Zone 3 lands in the Medford District.

Township	Range	Section	Subdivision	Acres	Status
33 S.	2 E.	1	SE $\frac{1}{4}$ SW $\frac{1}{4}$	40	PD
34 S.	2 E.	29	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
34 S.	6 W.	22	NW $\frac{1}{4}$ SE $\frac{1}{4}$	40	PD
34 S.	6 W.	33	SW $\frac{1}{4}$ SW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$	120	OC
34 S.	6 W.	35	NW $\frac{1}{4}$ NE $\frac{1}{4}$	40	OC
34 S.	8 W.	26	Lot 3	24.23	PD
35 S.	1 W.	15	NW $\frac{1}{4}$ SE $\frac{1}{4}$	40	OC
35 S.	5 W.	31	SE $\frac{1}{4}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$	281.12	OC
35 S.	5 W.	32	SW $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$	160	PD
35 S.	6 W.	11	E $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$	160	OC
35 S.	6 W.	14	NW $\frac{1}{4}$ SE $\frac{1}{4}$	40	PD
35 S.	6 W.	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ NW $\frac{1}{4}$	80	OC
35 S.	6 W.	19	NE $\frac{1}{4}$ , N $\frac{1}{2}$ NW $\frac{1}{4}$	239.94	OC
35 S.	6 W.	21	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40	OC
35 S.	6 W.	29	NW $\frac{1}{4}$ NW $\frac{1}{4}$	40	OC
35 S.	6 W.	30	S $\frac{1}{2}$ SW $\frac{1}{4}$	80	PD
35 S.	6 W.	31	SW $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$	403.96	OC
35 S.	6 W.	33	E $\frac{1}{2}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ NW $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$	240	OC
35 S.	6 W.	5	S $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$	280	OC
35 S.	6 W.	7	NE $\frac{1}{4}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$	198.71	OC
36 S.	1 E.	6	SE $\frac{1}{4}$ SE $\frac{1}{4}$	40	PD
36 S.	2 E.	34	SE $\frac{1}{4}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$	80	PD
36 S.	3 W.	21	NE $\frac{1}{4}$ SW $\frac{1}{4}$	40	OC
36 S.	3 W.	33	SW $\frac{1}{4}$ SW $\frac{1}{4}$	40	OC
36 S.	3 W.	33	NW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$	10	PD
36 S.	3 W.	35	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40	OC
36 S.	4 W.	25	SE $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$	60	OC
36 S.	4 W.	35	Lot 5, W $\frac{1}{2}$ SW $\frac{1}{4}$	112.4	OC
36 S.	5 W.	29	S $\frac{1}{2}$ SW $\frac{1}{4}$	80	OC
36 S.	5 W.	4	E $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$	159.26	PD
36 S.	5 W.	5	SE $\frac{1}{4}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$	80	OC
36 S.	5 W.	9	W $\frac{1}{2}$ E $\frac{1}{2}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$	340	OC
36 S.	6 W.	1	Lots 2 - 4, S $\frac{1}{2}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$	440.2	OC
36 S.	6 W.	11	NW $\frac{1}{4}$ NE $\frac{1}{4}$	40	OC

Township	Range	Section	Subdivision	Acres	Status
36 S.	6 W.	17	N $\frac{1}{2}$ N $\frac{1}{2}$	160	OC
36 S.	6 W.	3	SW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$	240	OC
36 S.	6 W.	30	NW $\frac{1}{4}$ SW $\frac{1}{4}$	37.78	PD
36 S.	6 W.	31	NW $\frac{1}{4}$ NW $\frac{1}{4}$	37.47	OC
36 S.	6 W.	33	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40	OC
36 S.	6 W.	4	W $\frac{1}{2}$ W $\frac{1}{2}$	161.06	PD
36 S.	6 W.	5	E $\frac{1}{2}$ SE $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , W $\frac{1}{2}$ SW $\frac{1}{4}$	200	OC
36 S.	6 W.	8	W $\frac{1}{2}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$	120	PD
36 S.	6 W.	9	N $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SE $\frac{1}{4}$	200	OC
37 S.	1 E.	15	SE $\frac{1}{4}$ NW $\frac{1}{4}$	40	OC
37 S.	3 W.	1	Lot 8	13.82	PD
37 S.	3 W.	4	Lot 2	4.28	PD
37 S.	3 W.	5	Lot 7	39.69	PD/OC
37 S.	3 W.	5	Lot 8	30.72	PD/OC
37 S.	3 W.	5	Lot 9	4.78	PD
37 S.	5 W.	18	W $\frac{1}{2}$ SW $\frac{1}{4}$	90.4	PD
37 S.	5 W.	5	NE $\frac{1}{4}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$	118.87	OC
37 S.	5 W.	7	W $\frac{1}{2}$ SW $\frac{1}{4}$	90.15	OC
37 S.	6 W.	11	N $\frac{1}{2}$ NW $\frac{1}{4}$	80	OC
37 S.	6 W.	13	SW $\frac{1}{4}$ SE $\frac{1}{4}$ , E $\frac{1}{2}$ SE $\frac{1}{4}$	120	OC
37 S.	6 W.	15	NE $\frac{1}{4}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$	120	OC
37 S.	6 W.	24	NW $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
37 S.	6 W.	3	SE $\frac{1}{4}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$	80	OC
37 S.	6 W.	8	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
37 S.	6 W.	9	NE $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$	400	OC
38 S.	1 E.	3	SW $\frac{1}{4}$ NW $\frac{1}{4}$	40	OC
38 S.	1 E.	5	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40	OC
38 S.	1 W.	21	Lot 1, NE $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$	147.04	OC
38 S.	2 E.	34	SW $\frac{1}{4}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$	80	PD
38 S.	2 W.	10	NE $\frac{1}{4}$ NW $\frac{1}{4}$	40	PD
38 S.	2 W.	28	Lot 1	5	PD
38 S.	4 W.	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40	OC
38 S.	4 W.	25	Lot 7	9.26	PD
39 S.	1 W.	1	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40.23	OC
39 S.	2 W.	18	NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$	10	PD
40 S.	8 W.	1	Lots 7 and 8	11.53	OC
40 S.	8 W.	5	Lots 6 and 7	21.21	OC
<b>Grand Total</b>				<b>7143.11</b>	<b>-</b>

**Table J-12.** Land Tenure Zone 3 lands in the Roseburg District.

Township	Range	Section	Subdivision	Acres	Status
24 S.	5 W.	29	Lot 5	28	OC
24 S.	6 W.	27	W $\frac{1}{2}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$	360	OC
25 S.	6 W.	3	NW $\frac{1}{4}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$	122	OC
25 S.	6 W.	33	SE $\frac{1}{4}$ SE $\frac{1}{4}$	40	OC
26 S.	2 W.	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ (part North of Highway 138)	0.3	OC

## Appendix J – Lands and Realty

Township	Range	Section	Subdivision	Acres	Status
26 S.	4 W.	10	Lot 1	7	PD
26 S.	4 W.	17	Lots 9 and 10	12	OC
26 S.	6 W.	17	Lot 2, SE $\frac{1}{4}$ NW $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$	126	OC
26 S.	6 W.	3	SE $\frac{1}{4}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$	80	OC
27 S.	4 W.	7	Lot 2	4	OC
28 S.	4 W.	29	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40	OC
28 S.	5 W.	28	NW $\frac{1}{4}$ NW $\frac{1}{4}$	40	PD
28 S.	5 W.	29	E $\frac{1}{2}$ NE $\frac{1}{4}$	80	OC
30 S.	2 W.	34	SE $\frac{1}{4}$ SW $\frac{1}{4}$	40	PD
30 S.	4 W.	1	Lot 9	4	OC
30 S.	6 W.	18	Lots 1 and 2	39	PD
<b>Grand Total</b>				<b>1022.3</b>	<b>-</b>

**Table J-13.** Land Tenure Zone 3 lands in the Salem District.

Township	Range	Section	Subdivision	Acres	Status
3 N.	1 W.	9	Lot 8	1.24	Ot
3 N.	8 W.	10	NW $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
3 N.	8 W.	11	Lot 2	0.01	PD
5 N.	6 W.	6	Lot 9	2.12	PD
5 N.	7 W.	10	SW $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
7 N.	4 W.	6	Lot 7	0.03	PD
1 S.	3 W.	7	Lot 1	0.18	OC
1 S.	3 W.	8	Lot 1	0.05	PD
2 S.	2 E.	4	Lot 2	0.04	PD
2 S.	2 E.	9	Lot 7	0.11	Ot
2 S.	3 E.	23	Lots 8 and 12	6.25	OC
2 S.	3 E.	25	Lots 7 and 8	1.69	OC
2 S.	3 W.	13	N $\frac{1}{2}$ SW $\frac{1}{4}$	80	OC
2 S.	3 W.	23	N $\frac{1}{2}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$	120	OC
2 S.	4 W.	31	Lot 1	1.30	OC
3 S.	2 E.	7	Lot 1	0.87	OC
3 S.	4 W.	33	Lot 4	0.11	OC
3 S.	9 W.	20	NW $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
3 S.	9 W.	28	SW $\frac{1}{4}$ SE $\frac{1}{4}$	40	PD
3 S.	9 W.	33	NW $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
3 S.	10 W.	30	Lot 15	0.45	PD
4 S.	1 E.	21	Lot 1	0.49	OC
4 S.	2 E.	11	NE $\frac{1}{4}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$	200	OC
4 S.	2 E.	15	NW $\frac{1}{4}$ SE $\frac{1}{4}$	40	OC
4 S.	2 E.	33	Lots 1	0.1	OC
4 S.	3 E.	9	SW $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$	80	OC
4 S.	3 E.	19	Un-numbered lot in SW $\frac{1}{4}$ SW $\frac{1}{4}$	47.31	OC
4 S.	3 E.	21	E $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$	200	OC
4 S.	3 E.	29	E $\frac{1}{2}$ NE $\frac{1}{4}$	80	OC
4 S.	3 E.	31	S $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$	120	OC
4 S.	1 W.	22	Un-numbered lot	0.5	PD
4 S.	3 W.	2	Lot 1	0.25	PD



Township	Range	Section	Subdivision	Acres	Status
4 S.	3 W.	34	Lots 1 and 2	4.4	PD
4 S.	10 W.	28	Lot 3	0.53	PD
5 S.	3 W.	4	Lot 1	1.16	PD
5 S.	5 W.	13	Lot 3	0.05	OC
5 S.	5 W.	31	Lot 1	3.57	OC
5 S.	5 W.	34	Lot 1	0.93	PD
5 S.	5 W.	35	Lot 1	8	OC
6 S.	3 W.	2	Lot 2	0.2	PD
6 S.	3 W.	5	Lot 1	2	OC
6 S.	1 E.	13	E $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$	120	OC
6 S.	1 E.	25	NW $\frac{1}{4}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$	80	OC
6 S.	9 W.	32	W $\frac{1}{2}$ SE $\frac{1}{4}$	80	PD
6 S.	9 W.	34	NW $\frac{1}{4}$ SE $\frac{1}{4}$	40	PD
6 S.	10 W.	35	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
7 S.	1 E.	1	SE $\frac{1}{4}$ SW $\frac{1}{4}$	40	OC
7 S.	3 W.	29	Lot 3	5.42	OC
7 S.	6 W.	34	SW $\frac{1}{4}$ SE $\frac{1}{4}$	40	OC
8 S.	1 E.	3	SW $\frac{1}{4}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$	200	OC
8 S.	1 E.	27	NE $\frac{1}{4}$ SW $\frac{1}{4}$	40	OC
8 S.	1 E.	35	Lots 1 and 2, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$	400.22	OC
8 S.	4 W.	24	M&B	1.54	Ot
8 S.	4 W.	25	M&B	8	Ot
8 S.	10 W.	20	W $\frac{1}{2}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$	20	PD
8 S.	11 W.	3	Lot 8	4.73	PD
9 S.	1 W.	21	Lot 7, NW $\frac{1}{4}$ NE $\frac{1}{4}$	84.21	OC
9 S.	3 W.	21	Lot 3	0.08	Ot
9 S.	3 W.	24	Un-numbered lot	1.4	PD
9 S.	3 W.	32	Lot 2	4.6	PD
9 S.	4 W.	9	Lot 5	1.16	OC
9 S.	4 W.	14	Lot 9	0.17	PD
9 S.	9 W.	19	Por. lot 29	10	PD
9 S.	9 W.	33	Lot 17	20	PD
9 S.	9 W.	34	W $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$	20	PD
9 S.	10 W.	26	SW $\frac{1}{4}$ NW $\frac{1}{4}$	40	PD
9 S.	10 W.	36	Por. lots 5 and 6	10	PD
9 S.	11 W.	1	Lot 6	1.46	PD
9 S.	11 W.	4	SW $\frac{1}{4}$ SW $\frac{1}{4}$	40	PD
10 S.	2 W.	8	Lot 1	6.13	PD
10 S.	3 W.	24	Lot 6	0.9	PD
10 S.	4 W.	11	Lot 5	1.52	OC
10 S.	5 W.	19	Lots 1 - 4, NE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$	480	OC
10 S.	5 W.	23	Lot 4	0.79	OC
10 S.	6 W.	22	Lots 2 and 3	15.7	PD
10 S.	7 W.	18	SW $\frac{1}{4}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$	160	PD
10 S.	10 W.	2	Lot 20	20	PD
11 S.	8 W.	6	NE $\frac{1}{4}$ SW $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$	120	PD
11 S.	9 W.	31	Lot 2	43.25	PD
11 S.	10 W.	12	N $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$	160	PD

## Appendix J – Lands and Realty

Township	Range	Section	Subdivision	Acres	Status
11 S.	10 W.	14	Lot 1	2.87	PD
11 S.	10 W.	23	NE $\frac{1}{4}$ SE $\frac{1}{4}$	40	PD
11 S.	10 W.	24	SW $\frac{1}{4}$ SW $\frac{1}{4}$	40	PD
11 S.	10 W.	25	Lot 1	37.22	PD
11 S.	10 W.	35	SE $\frac{1}{4}$ SE $\frac{1}{4}$	40	PD
12 S.	4 E.	30	SE $\frac{1}{4}$ SW $\frac{1}{4}$	40	PD
12 S.	4 E.	31	Lot 1, NE $\frac{1}{4}$ NW $\frac{1}{4}$	84.81	PD
12 S.	2 W.	13	Lot 6	7.04	Ot
12 S.	6 W.	35	Lot 3	0.2	Ot
12 S.	8 W.	6	Lot 7	40.18	PD
12 S.	8 W.	7	Lots 1 and 2	79.04	PD
12 S.	9 W.	29	E $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$	120	PD
12 S.	9 W.	32	E $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$	120	PD
12 S.	9 W.	34	NE $\frac{1}{4}$ NW $\frac{1}{4}$	40	PD
12 S.	9 W.	35	NE $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$	120	PD
12 S.	10 W.	6	SW $\frac{1}{4}$ SE $\frac{1}{4}$	40	PD
12 S.	10 W.	14	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
12 S.	11 W.	10	Lots 3 and 4	76.16	PD
12 S.	11 W.	17	Lot 5	38.84	PD
13 S.	3 E.	9	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
13 S.	2 E.	24	N $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$	120	PD
13 S.	2 W.	21	NW $\frac{1}{4}$ NE $\frac{1}{4}$	40	OC
13 S.	4 W.	30	Lot 5	8.49	PD
13 S.	5 W.	29	Lot 1	0.84	OC
13 S.	9 W.	10	E $\frac{1}{2}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$	120	PD
13 S.	9 W.	13	NW $\frac{1}{4}$ NW $\frac{1}{4}$	40	PD
13 S.	11 W.	3	SW $\frac{1}{4}$ SE $\frac{1}{4}$	40	PD
13 S.	11 W.	28	Lot 9	7.6	PD
13 S.	11 W.	33	NE $\frac{1}{4}$ SE $\frac{1}{4}$	40	PD
14 S.	5 W.	25	Lot 1	0.26	OC
14 S.	11 W.	3	Lots 1, 2, and 25	111.5	PD
14 S.	11 W.	4	Lots 29 and 30	84.3	PD
14 S.	11 W.	5	Lot 10	40.62	PD
14 S.	11 W.	6	Lot 16	40	PD
14 S.	11 W.	10	Lots 1, 11 - 13, and 17	210.21	PD
14 S.	11 W.	15	NE $\frac{1}{4}$ SE $\frac{1}{4}$	40	PD
14 S.	12 W.	35	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40	PD
15 S.	5 W.	6	Lot 5	1.46	PD
Grand Total				5596.86	-

### Inventory of Communication Sites

Table J-14 through Table J-19 contains information on existing communication sites. Appendix B of the DEIS contains management direction related to management of communication sites.

**Table J-14.** Communication sites in the Coos Bay District.

Site Name	Township	Range	Section	Quarter Section
Roman Nose	19 S.	9 W.	23	NE¼ and NW¼
Johns's Peak	23 S.	9 W.	27	SW¼
Blue Ridge	26 S.	12 W.	35	SW¼
Signal Tree	29 S.	9 W.	33	SW¼
Anderson Mountain	29 S.	11 W.	21	SW¼
Sugar Loaf	29 S.	12 W.	23	NE¼
Bennett Butte	30 S.	13 W.	20	NW¼
Edson Butte	31 S.	14 W.	23	NW¼
Grizzly Mountain	37 S.	14 W.	4	SE¼
Bosley Butte	39 S.	13 W.	10	SE¼
Palmer Butte	40 S.	13 W.	10	SE¼
Black Mound	40 S.	13 W.	20	SW¼

**Table J-15.** Communication sites in the Eugene District.

Site Name	Township	Range	Section	Quarter Section
Horse Rock	15 S.	2 W.	1	NW¼
Mt. Tom	15 S.	2 W.	31	SW¼
Buck Mountain	16 S.	2 W.	7	NW¼
South McGowan	16 S.	2 W.	31	NW¼
Amy Road	16 S.	7 W.	1	NW¼ and SW¼
Elk Mountain	16 S.	8 W.	26	NE¼
Windy Peak	16 S.	8 W.	27	SW¼
Black Canyon	17 S.	2 W.	7	SW¼
Camp Creek Ridge	17 S.	2 W.	15	NE¼
Badger Mountain	17 S.	7 W.	35	NE¼
Vaughn Hill	18 S.	6 W.	5	SE¼ and NE¼
Brickerville	18 S.	10 W.	3	NW¼
High Point	19 S.	6 W.	23	NW¼
Eagle's Rest	20 S.	1 W.	12	NE¼
Cougar Mountain	20 S.	3 W.	1	NE¼
Hawley Butte	21 S.	1 W.	29	NE¼
Hobart Butte	22 S.	3 W.	1	NW¼
Laurel Butte	22 S.	3 W.	23	SE¼
Huckleberry Mountain	24 S.	1 W.	6	SW¼

**Table J-16.** Communication sites in the Klamath Falls Field Office.

Site Name	Township	Range	Section	Quarter Section
Yaniax	37 S.	12 E.	26	SW¼
Harpold	39 S.	11 E.	19	SE¼ and SW¼
Hamaker	40 S.	7 E.	26	NW¼
Stukel	40 S.	10 E.	10	SW¼
			15	NW¼
Buck Butte	40 S.	12 E.	20	NW¼
Brady Butte	41 S.	14 ½ E.	14	NW¼



**Table J-17.** Communication sites in the Medford District.

Site Name	Township	Range	Section	Quarter Section
Cedar Springs	32 S.	4 W.	25	NE¼
Ninemile Mountain	32 S.	9 W.	13	SW¼
Buck Rock	33 S.	1 W.	15	NW¼
King Mountain	33 S.	5 W.	24	NE¼
Peavine Lookout	34 S.	8 W.	21	NE¼
Flounce Rock	33 S.	2 E.	5	SE¼
Mt. Isabelle	37 S.	3 W.	31	SW¼
Mt. Sexton	34 S.	6 W.	24	SW¼
Elk Mountain	35 S.	5 W.	11	SE¼
Manzanita/Round Top	37 S.	6 W.	31	SE¼
Anderson Butte	38 S.	2 W.	34	NE¼
Nuggett Butte	36 S.	3 W.	9	SE¼
Tin Pan Peak	36 S.	4 W.	23	SW¼
Squires Peak	38 S.	3 W.	34	SE¼
Woodrat	38 S.	3 W.	36	NW¼
Gilbert Peak	35 S.	5 W.	33	NW¼
Fielder Mountain	36 S.	4 W.	7	SE¼
Beacon Hill	36 S.	5 W.	9	SE¼
Mt. Blueie	37 S.	5 W.	3	SE¼
Table Mountain	39 S.	3 E.	8	NW¼
Chestnut Mountain	39 S.	3 E.	35	NW¼
Mt. Baldy	36 S.	5 W.	27	NW¼
Tallowbox	39 S.	4 W.	11	NW¼
Rock Creek	39 S.	5 W.	21	NE¼ and NW¼
Little Grayback Lockout	39 S.	7 W.	2	SE¼
Soda Mountain	40 S.	3 E.	28	NW¼

**Table J-18.** Communication sites in the Roseburg District.

Site Name	Township	Range	Section	Quarter Section
Yellow Butte	23 S.	6 W.	27	NW¼
Lane Mountain	27 S.	4 W.	25	NE¼
Kenyon Mountain	30 S.	9 W.	3	NW¼
Canyon Mountain	31 S.	5 W.	3	SW¼

**Table J-19.** Communication sites in the Salem District.

Site Name	Township	Range	Section	Quarter Section
Lookout Point	1 S.	5 E.	13	SE¼
Blind Cabin Ridge	1 S.	5 W.	31	NE¼
Dixie Mountain	2 N.	2 W.	27	NE¼
Brightwood	2 S.	6 E.	14	NW¼
Trask Mountain	2 S.	6 W.	29	NW¼
High Heaven	3 S.	5 W.	33	SE¼
Bald Mountain	3 S.	6 W.	29	SW¼
Goat Mountain	5 S.	4 E.	14	SW¼
Prospect Hill	8 S.	4 W.	24	SE¼
Mt. Horeb	9 S.	4 E.	17	NE¼
Snow Peak	11 S.	2 E.	5	NW¼



## Appendix J – Lands and Realty

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Site Name	Township	Range	Section	Quarter Section
Yellowstone Mountain	11 S.	3 E.	32	NW <sup>1</sup> / <sub>4</sub>
Prairie Mtn. East	15 S.	7 W.	4	SE <sup>1</sup> / <sub>4</sub>
Prairie Mtn.	15 S.	7 W.	7	SW <sup>1</sup> / <sub>4</sub>
Prairie Mtn. West	15 S.	7 W.	7	SW <sup>1</sup> / <sub>4</sub>





## Appendix K – Livestock Grazing

This appendix provides the background information regarding standards for range improvements, grazing allotments, and standards for rangeland health. These topics are referenced in Chapters 1-3.

This appendix contains the following:

- Standard procedures and design elements for range improvements within the Medford District and Klamath Falls Field Office
- Grazing Allotments in the Klamath Falls Field Office and Medford District
- Standards for Rangeland Health
- Drought management policies

### **Standard Procedures and Design Elements for Range Improvements within the Klamath Falls Field Office and Medford District**

The following standard procedures and design elements would be adhered to in implementation of the proposed construction of range improvements within the Klamath Falls Field Office and Medford District:

- Inventories and surveys for cultural resources, threatened and endangered species, and Special Status Species would be conducted prior to authorization of any project construction, and appropriate mitigation implemented to reduce or eliminate potential effects.
- Surface disturbance at all project sites would be held to a minimum. Disturbed soil would be rehabilitated to blend into surrounding soil surface and reseeded as needed with a mixture of native grasses, forbs, shrubs, and trees as applicable to replace ground cover, reduce soil loss from wind and water erosion, and discourage the potential establishment of any invasive, non-native plant species.
- Where possible, existing roads and trails would provide access for range improvement construction. If needed, unimproved trails and tracks would be created to reach construction sites and provide access for future maintenance of the improvements. Locate unimproved trails or tracks outside riparian management areas where workable.

All range improvements would be constructed in accordance with USDI BLM Manual 1741-1 (1989, Fencing), USDI BLM Manual 1741-2 (1990, Water Developments) and Oregon Water Resources Department for water developments.

Additional design features specific to the individual types of improvements are the following:

#### **Reservoirs**

- Development of reservoirs would involve the construction of pits and dams to impound water for livestock and wildlife use.
- Pits would be in dry lake beds or other natural depressions. Dams would be constructed in drainages or to one side of a drainage, with a diversion ditch constructed into the impoundment area.
- Water right applications would be coordinated as needed with applicable agencies, irrigation districts, and other interested parties.

- A water right permit would be obtained from the Oregon Water Resources Department prior to construction.
- Water storage capacity would not exceed 3.0 acre-feet.
- Dams would be located, if possible, to take advantage of natural spillway sites; otherwise, a spillway would be constructed around the dam for the reservoir. The slopes of the dam must be a minimum 3 to 1 on the upstream face and minimum of 2 to 1 on the downstream face. Minimum width of the top of all dams would be 12 feet.
- The spillway would be designed to withstand the 50-year flood flow without overtopping the dam. It should also direct the pass flow downstream to prevent erosion of the embankment.
- Fill material, if needed, would come from the impoundment area and/or a borrow area for dams.
- Excavated material from pits would be piled adjacent to the pit. The potential for erosion of the excavated material into the pit would be eliminated. Topsoil would be stockpiled and used to rehabilitate the borrow areas.
- All brush, stumps, roots, and organic matter would be cleared from the borrow area and beneath the dam. Only fill materials consisting of non-organic and cohesive soils adjusted in moisture to optimum water content would be used for construction of the dam. Individual layers would not exceed 8 inches in thickness and would be compacted with a sheepsfoot roller or similar equipment. Fill material should be placed in thin layers parallel with the long axis of the dam.

### Spring Developments

- The spring source would be fenced to prevent livestock grazing and trampling.
- Escape ramps would be installed in all water troughs to allow wildlife to escape.
- Overflow from troughs would be piped away from the developed source area.

### Fencing

- Fences would be designed to prevent the passage of livestock without stopping the movement of wildlife.
- Wire spacing would follow these specifications :The majority of fences would be constructed as follows: 4-wire with the bottom wire 16-18 inches off the ground with the sequence of the remaining 3-wires above this being 6 inches, 6 inches, and 12 inches; the maximum height of the fence (ground to top wire) would be 42 inches.
- The bottom wire on all fencing would be 2-strand smooth wire, not barbed, to facilitate antelope crossings.
- Steel “t-post” spacing would be between 16 feet and 24 feet, depending on local conditions.
- Brace posts, tree scabs, and/or rock jacks (rock cribs) would be constructed to enhance fence integrity with one at least every 0.25 mile.
- No woven wire “sheep” fences would be constructed on public lands.
- Brushing and tree limb removal will be limited to only that necessary for surveying, placement, and construction of a fence.
- Where fences cross existing roads, either gates or cattle guards would be installed.
- Where workable, fence construction would be located outside riparian management areas.

### Grazing Allotments in the Klamath Falls Field Office and Medford District

The following tables summarize information for allotments on the Klamath Falls Field Office and the Medford District. **Table K-1** and **Table K-2** contain detailed information about these grazing allotments including acres derived from the BLM allotment and pasture boundary (GRA) theme. For all allotments proposed to be made unavailable to livestock grazing see Appendix B (Management Direction).

**Table K-1.** Klamath Falls Field Office available grazing allotments.

Allotment Name	Allotment Number	BLM Acres	Active Grazing Preference (AUMs) <sup>2</sup>	Suspended Grazing Preference (AUMs)	Season-of-Use	Selective Management Category <sup>4</sup>	Rangeland Health Assessment Completed	Rangeland Health Assessment Finding <sup>4</sup>	Grazing System	Wildlife AUM's	Other Information
Chase Mountain	00101	9,213	195	-	5/15-8/13	C	2001	Not Meeting Standards; Grazing is not a factor.	Yearly	Deer 1,681, Horses 100	Critical deer winter range habitat occurs within the allotment. Allotment contains a portion of the HMA.
Edge Creek	00102	8,241	207	-	5/1-9/1	I	2000	Not Meeting Standards; Grazing is not a factor.	Deferred-Rotation		Range Improvement Potential, common allotment, exclosures or other areas closed to grazing, portion proposed for closure.
Buck Mountain <sup>1</sup>	00103	7,416	204	-	5/15-9/1	I	2000	Not Meeting Standards; Grazing is not a factor.	Yearly	Deer 1,643	None
Buck Lake	00104	12,019	280	-	6/15-10/15	C	2000	Not Meeting Standards; Grazing is not a factor.	Yearly	Deer 2,129	Range Improvement Potential, common allotment, exclosures or other areas closed to grazing
Johnson Prairie	00105	120	12	-	5/1-10/1	C	2000	Not Meeting Standards; Grazing is not a factor.	Yearly		None
Dixie <sup>1</sup>	00107	4,436	320	100	5/1-8/15	I	2002	Not Meeting Standards; Grazing is a factor.	Yearly	Deer 928, Elk 100, Horses 50	Range Improvement Potential, exclosures or other areas closed to grazing. Allotment contains portion of the HMA.
Dry Lake	00140	101	10	-	5/1-6/30	C	2001	Not Meeting Standards; Grazing is not a factor.	Yearly	Deer 10	None
Chicken Hills	00141	3,602	80	-	5/15-9/15	C	2001	Not Meeting Standards; Grazing is not a factor.	Yearly	Deer 931	None
Long Lake	00142	366	18	-	6/16-9/30	C	2000	Meeting All Standards	Yearly		None
Grubb Springs	00147	3,563	130	-	5/1-9/30	C	2000	Not Meeting Standards; Grazing is not a factor.	Yearly	Deer 650	None



Allotment Name	Allotment Number	BLM Acres	Active Grazing Preference (AUMs) <sup>2</sup>	Suspended Grazing Preference (AUMs)	Season-of-Use	Selective Management Category <sup>4</sup>	Rangeland Health Assessment Completed	Rangeland Health Assessment Finding <sup>4</sup>	Grazing System	Wildlife AUM's	Other Information
Adams	00800	40	6	-	4/15-7/15	C	2005	Not Meeting Standards, Grazing is a factor	Yearly		None
Haught	00801	401	27	-	5/1-7/31	C	Not Completed	Not Completed	Yearly	Deer 7	None
Stock Drive	00802	40	2	-	5/1-6/30	C	2006	Meeting All Standards	Yearly		None
J Spring	00803	241	7	-	5/1-6/30	C	2003	Meeting All Standards	Yearly	Deer 6 Antelope 2	None
Bar CL	00804	481	20	22	5/1-5/31	C	Not Completed	Not Completed	Yearly	Deer 10	None
SE 80	00805	80	8	-	5/1-10/31	C	2006	Meeting All Standards	Yearly	Deer 1	None
Two Mile	00806	659	56	-	5/1-9/30	C	2006	Not Meeting Standards; Grazing is not a factor.	Yearly	Deer 16 Elk 16	None
Barnwell	00807	1,634	75	-	5/1-6/15	C	Not Completed	Not Completed	Yearly	Deer 80	Range Improvement Potential
Lee	00808	40	10	-	6/1-8/15	C	Not Completed	Not Completed	Yearly		None
Brown	00809	80	30	-	6/1-8/30	C	Not Completed	Not Completed	Yearly	Deer 1	None
Brenda	00810	120	18	-	5/16-6/30	C	2006	Meeting All Standards	Yearly	Deer 24 Elk 24	None
Cheyne	00811	809	51	-	5/1-6/15	C	2004	Meeting All Standards	Yearly	Deer 40	None
Stukel-Coffin	00812	729	55	-	5/1-7/1	C	2002	Meeting All Standards	Yearly	Deer 14, Elk 5	None
Plum Hills	00813	163	20	-	5/1-6/15	C	Not Completed	Not Complete	Yearly	Deer 4	None
Cunningham	00814	839	108	-	5/1-6/15	C	Not Completed	Not Completed	Yearly	Deer 14	None
Stukel-Dehlinger C.	00815	1,683	240	-	4/15-8/8	I	2002	Meeting All Standards	Yearly	Deer 31, Elk 11	None
Stukel-Dehlinger H.	00816	387	30	-	5/10-8/10	C	2002	Meeting All Standards	Yearly	Deer 8	None

Allotment Name	Allotment Number	BLM Acres	Active Grazing Preference (AUMs) <sup>2</sup>	Suspended Grazing Preference (AUMs)	Season-of-Use	Selective Management Category <sup>4</sup>	Rangeland Health Assessment Completed	Rangeland Health Assessment Finding <sup>4</sup>	Grazing System	Wildlife AUM's	Other Information
Drew	00817	766	72	-	5/1-6/30	C	2005	Meeting All Standards	Yearly	Deer 34, Elk 14	None
Duncan	00818	202	15	-	5/1-6/15	C	Not Completed	Not Completed	Yearly	Deer 4	None
Dupont	00819	77	7	-	4/15-6/1	C	Not Completed	Not Completed	Yearly		None
North Horsefly	00821	1,287	68	-	5/1-6/15	C	2007	Meeting All Standards	Yearly	Deer 18	None
Stukel-O'Neill	00822	3,405	210	-	5/1-7/15	I	2002	Meeting All Standards	Yearly	Deer 59, Elk 20	Exclosures or other areas closed to grazing
North Horsefly	00823	569	60	-	6/16-8/1	C	2007	Meeting All Standards	Yearly	Deer 17	None
Jeld-Wen	00824	313	36	-	6/1-7/15	C	2006	Meeting All Standards	Yearly	Deer 7	None
Naylox	00825	757	76	-	5/1-6/30	C	2005	Meeting All Standards	Yearly	Deer 14	None
Haskins	00826	567	80	-	5/1-7/15	C	2004	Meeting All Standards	Yearly	Deer 11	None
Stukel-High	00827	347	17	-	5/1-6/15	C	2003	Meeting All Standards	Yearly	Deer 5	None
Stukel-Hill	00828	975	60	-	5/1-6/15	C	2002	Meeting All Standards	Yearly	Deer 18, Elk 7	None
Horton	00829	757	26	-	4/21-6/30	C	Not Completed	Not Completed	Yearly	Deer 36	Range Improvement Potential
Hungry Hollow	00830	281	40/H	-	6/1-8/30	C	2005	Meeting All Standards	Yearly	Deer 5	Proposed for conversion from horse to cattle
Warlow	00831	560	50	-	5/1-9/30	C	2007	Meeting All Standards	Yearly	Deer 8, Elk 3	None
Jespersion	00832	1,559	158	-	5/1-7/1	C	Not Completed	Not Completed	Yearly	Deer 30, Elk 30	None
Kellison	00834	352	19	-	5/1-6/13	C	2004	Not Meeting Standards; Grazing is not a factor.	Yearly	Deer 6	None
Ketcham	00835	381	20	-	5/1-6/15	C	Not Completed	Not Completed	Yearly	Deer 16	Range Improvement Potential
Harpold Chaining	00836	850	96	-	5/1-5/30	C	2007	Not Meeting Standards; Grazing is a factor.	Yearly	Deer 101	Range Improvement Potential

Allotment Name	Allotment Number	BLM Acres	Active Grazing Preference (AUMs) <sup>2</sup>	Suspended Grazing Preference (AUMs)	Season-of-Use	Selective Management Category <sup>4</sup>	Rangeland Health Assessment Completed	Rangeland Health Assessment Finding <sup>4</sup>	Grazing System	Wildlife AUM's	Other Information
Bryant-Horton	00837	1,210	130	-	6/1-7/9	C	2006	Meeting All Standards	Yearly	Deer 24, Elk 8	None
Windy Ridge	00838	602	52	-	5/1-5/31	C	Not Completed	Not Completed	Yearly	Deer 11	Range Improvement Potential
Bryant-Loveness	00839	3,306	490	-	5/1-6/30	C	Not Completed	Not Completed	Yearly	Deer 161, Elk 21	Range Improvement Potential
Bryant-Lyon	00840	569	38	-	5/1-9/30	C	Not Completed	Not Completed	Yearly	Deer 11	None
Marshall	00841	351	14	-	4/21-5/30	C	Not Completed	Not Completed	Yearly	Deer 17	None
Short Lake	00842	428	40	-	5/1-6/30	C	2005	Not Meeting Standards; Grazing is a factor.	Yearly	Deer 42	Range Improvement Potential
McAuliffe	00843	87	10	-	4/16-6/15	C	Not Completed	Not Completed	Yearly	Deer 1	None
Paddock	00844	399	31	-	5/1-6/30	M	2003	Meeting All Standards	Deferred-Rotation	Deer 8, Antelope 3	None
Klamath Hills	00845	197	55	-	4/1-5/31	C	Not Completed	Not Completed	Yearly	Deer 10	None
OK	00846	1,289	105	35	5/1-6/15	C	Not Completed	Not Completed	Yearly	Deer 24	Range Improvement Potential
Swede Cabin	00847	2,018	108	-	5/1-6/15	I	2007	Meeting All Standards	Yearly	Deer 36	Range Improvement Potential
Pope	00848	446	48	-	5/1-7/31	C	2007	Meeting All Standards	Yearly	Deer 19	None
Rajnus Bros.	00849	240	16	-	5/1-6/17	C	Not Completed	Not Completed	Yearly	Deer 10	None
Wilkinson	00850	398	18	-	5/1-6/5	C	Not Completed	Not Completed	Yearly	Deer 6	None
Harpold Ridge	00851	1,049	108	-	4/21-6/30	M	2006	Meeting All Standards	Yearly	Deer 49	None
Rodgers	00852	2,448	235	-	5/1-7/1	I	2003	Meeting All Standards	Yearly	Deer 48, Elk 17	Exclosures or other areas closed to grazing.
7C	00853	646	104	-	5/1-6/30	C	2007	Meeting All Standards	Yearly	Deer 13	None
Jump	00854	200	20	-	5/1-5/30	C	2007	Meeting All Standards	Yearly	Deer 4	None
Bryant-Smith	00855	1,217	109	-	5/15-8/31	C	2007	Meeting All Standards	Yearly	Deer 22, Elk 7	None



Allotment Name	Allotment Number	BLM Acres	Active Grazing Preference (AUMs) <sup>2</sup>	Suspended Grazing Preference (AUMs)	Season-of-Use	Selective Management Category <sup>4</sup>	Rangeland Health Assessment Completed	Rangeland Health Assessment Finding <sup>4</sup>	Grazing System	Wildlife AUM's	Other Information
Bryant-Stastny	00856	443	70	-	5/10-9/30	C	2007	Meeting All Standards	Yearly	Deer 8, Elk 3	None
Bryant-Taylor	00857	765	74	-	4/15-9/30	C	2007	Meeting All Standards	Yearly	Deer 14, Elk 4	None
Swan Lake Rim	00858	6,524	300	-	5/1-6/30	M	2006	Meeting All Standards	Rest-Rotation	Deer 121, Elk 116	Common allotment
Cunard	00859	468	60/H	-	5/1-7/31	C	2002	Meeting All Standards	Rest-Rotation	Deer 7	Proposed for conversion from horse to cattle.
McCartie	00860	556	83	-	5/1-5/30	C	2004	Meeting All Standards	Rest-Rotation	Deer 25	None
Yainax Butte	00861	2,919	120	-	7/1-9/30	M	2005	Meeting All Standards	Deferred-Rotation	Deer 119	Exclosures or other areas closed to grazing.
Klamath Forest Estates	00862	2,742	47	-	5/1-5/31	M	2005	Meeting All Standards	Yearly	Deer 47	None
Wirth	00863	1,361	100	-	4/15-10/15	C	Not Completed	Not Completed	Yearly	Deer 25	None
Rajnus & Son	00864	1,459	110	-	5/1-6/30	C	2007	Not Meeting Standards Grazing is not a factor	Yearly	Deer 28	None
Mills Creek	00865	283	40	-	5/1-6/14	C	Not Completed	Not Completed	Yearly	Deer 5	Range Improvement Potential
Bear Valley	00876	4,980	415	-	7/1-8/9	I	2000/2003	Meeting All Standards	Deferred-Rotation	Deer 94, Antelope 34	Common allotment, exclosures or other areas closed to grazing
Bumpheads	00877	9,385	420	265	4/21-6/30	I	2003	Not Meeting Standards; Grazing is a factor.	Deferred-Rotation	Deer 173, Antelope 63	Exclosures or other areas closed to grazing
Campbell	00878	1,370	47/H	13	5/1-10/26	C	2002	Meeting All Standards	Yearly	Deer 28, Antelope 10	Proposed for conversion from horse to cattle.
DeVaul	00879	378	12	15	5/1-8/30	C	2003	Meeting All Standards	Yearly	Deer 5, Antelope 2	None
Goodlow	00881	348	32	52	5/1-8/31	C	2003	Meeting All Standards	Yearly	Deer 6, Antelope 2	None

Allotment Name	Allotment Number	BLM Acres	Active Grazing Preference (AUMs) <sup>2</sup>	Suspended Grazing Preference (AUMs)	Season-of-Use	Selective Management Category <sup>4</sup>	Rangeland Health Assessment Completed	Rangeland Health Assessment Finding <sup>4</sup>	Grazing System	Wildlife AUM's	Other Information
Horsefly	00882	26,947	2,656	2075	4/15-6/30, 10/1-11/15	I	1999/2003	Meeting All Standards	Rest-Rotation/ High Intensity-Short Duration	Deer 495, Elk 30, Antelope 181	Exclosures or other areas closed to grazing, common allotment
Horton	00883	1,005	58	211	4/21-5/20	C	2002	Meeting All Standards	Yearly	Deer 41, Antelope 6	None
Pankey Basin	00884	309	43	38	5/15-8/31	C	2003	Not Meeting Standards; Grazing is a factor.	Yearly	Deer 5, Antelope 2	Range Improvement Potential, exclosures or other areas closed to grazing
Dry Prairie	00885	8,025	642	358	5/1-9/30	I	1999/2003	Meeting All Standards	Rest-Rotation	Deer 149, Antelope 55	Exclosures or other areas closed to grazing, common allotment, proposed range improvement.
Horse Camp Rim	00886	8,928	445	281	5/1-7/31	I	2003	Meeting All Standards	Rest-Rotation	Deer 172, Antelope 63	Exclosures or other areas closed to grazing
Pitchlog	00887	9,402	434	796	5/10-6/30	I	1999/2003	Meeting All Standards	Rest-Rotation/ High Intensity-Short Duration	Deer 174, Elk 37, Antelope 64	Exclosures or other areas closed to grazing
Rock Creek	00888	2,521	216	639	5/1-5/31	I	2003	Meeting All Standards	Rest-Rotation	Deer 130, Antelope 19	None
Timber Hill	00889	2,542	270	134	6/21-7/31	I	1999/2003	Meeting All Standards	Yearly	Deer 55, Antelope 20	None
Willow Valley	00890	19,925	1,225	506	4/15-6/30	I	2000/2003	Not Meeting Standards, Grazing is a factor	Rest-Rotation	Deer 960, Antelope 141	Exclosures or other areas closed to grazing, common allotment.
Williams	00892	1,854	75	-	5/1-5/31	M	2004	Meeting All Standards	Yearly	Deer 34, Antelope 12	None
Fields	00893	26	6	-	4/21-5/20	C	2005	Meeting All Standards	Yearly	Deer 4, Antelope 1	None

Allotment Name	Allotment Number	BLM Acres	Active Grazing Preference (AUMs) <sup>2</sup>	Suspended Grazing Preference (AUMs)	Season-of-Use	Selective Management Category <sup>4</sup>	Rangeland Health Assessment Completed	Rangeland Health Assessment Finding <sup>4</sup>	Grazing System	Wildlife AUM's	Other Information
Voight	00894	112	8	-	5/1-6/15	C	2003	Meeting All Standards	Yearly	Deer 2	None
Harpold Canyon	00895	1,085	76	-	5/1-9/30	C	2006	Meeting All Standards	Yearly	Deer 20	None
McFall	00896	578	60	-	5/1-6/30	C	2006	Meeting All Standards	Yearly	Deer 11	Common allotment
Bly Mountain	01800	120	9	-	6/1-8/31	C	Not Completed	Not Completed	Yearly		None

<sup>1</sup> All or a portion of the allotment is located within the Cascade Siskiyou National Monument

<sup>2</sup> Active Preference is cattle AUMs, unless specified as H for domestic horse use.

<sup>3</sup> Selective Management Categories: Improve (I)-managed to resolve a high level of resource conflicts and concerns and receive the highest priority for funding and management actions; Maintain (M)-managed to maintain satisfactory resource conditions and will be actively managed to ensure that resource values do not decline; Custodial (C)-managed custodially to protect resource conditions and values.

<sup>4</sup> In allotments where grazing was a factor to nonattainment of a RHA standard, within one year of the assessment, a change to livestock grazing was implemented to eliminate livestock grazing as a contributing factor.

**Table K-2. Medford District grazing allotments.**

Allotment Name	Allotment Number	BLM Acres	Active Grazing Preference (AUMs) <sup>2</sup>	Suspended Grazing Preference (AUMs)	Season-of-Use <sup>3</sup>	Selective Management Category <sup>4</sup>	Rangeland Health Assessment Completed	Rangeland Health Assessment Finding <sup>5</sup>	Grazing System	Other Information
Lost Creek	10001	9,962	382	-	Sp, Su, F	I	2001	Not Meeting Standards, Grazing is not a factor	Yearly	Common Allotment
Flat Creek	10002	12,066	328	-	Su, F	C	2000	Not Meeting Standards, Grazing is not a factor	Yearly	None
Longbranch	10004	324	22	-	Sp, Su	C	2002	Meeting All Standards	Yearly	Portion Proposed for Closure
Meadows	10007	1,563	92	-	Sp, Su	I	2003	Meeting All Standards	Yearly	None
Neil-Tarbell	10008	517	56	-	Sp, Su	C	2011	Meeting All Standards	Yearly	None
North Sams Valley	10009	120	8	-	Su	C	2002	Not Meeting Standards, Grazing is not a factor	Yearly	None
Upper Table Rock	10012	714	66	-	Su	I	2003	Not Meeting Standards, Grazing is not a factor	Yearly	None
Clear Creek	10013	3,794	45	-	Su, F	C	2002	Meeting All Standards	Yearly	None
Lick Creek	10015	201	15	-	Sp, Su	C	2003	Meeting All Standards	Yearly	None
Brownsboro Park	10016	382	68	-	Sp, Su	I	2002	Not Meeting Standards, Grazing is not a factor	Yearly	None
Kanutchan Fields	10017	2,427	177	-	Sp, Su	I	2002	Not Meeting Standards, Grazing is not a factor	Yearly	None



Allotment Name	Allotment Number	BLM Acres	Active Grazing Preference (AUMs) <sup>2</sup>	Suspended Grazing Preference (AUMs)	Season-of-Use <sup>3</sup>	Selective Management Category <sup>4</sup>	Rangeland Health Assessment Completed	Rangeland Health Assessment Finding <sup>5</sup>	Grazing System	Other Information
Sugarloaf	10019	1,570	15	-	Sp, Su	C	2002	Meeting All Standards	Yearly	None
Section 9	10021	403	25	-	Sp, Su	C	2003	Meeting All Standards	Yearly	None
Section 7	10022	374	11	-	Sp, Su	C	2003	Not Meeting Standards, Grazing is not a factor	Yearly	None
Bull Run	10023	40	5	-	Su	C	2011	Meeting All Standards	Yearly	None
Big Butte	10024	21,802	1,663	-	Sp, Su	I	2000	Not Meeting Standards, Grazing is not a factor	Deferred-Rotation	Common Allotment
Reese Creek	10027	40	7	-	Su	C	1999	Meeting All Standards	Yearly	Common Allotment
Derby Road Sawmill	10029	524	45	-	Sp, Su	C	2003	Meeting All Standards	Yearly	None
Summit Prairie	10031	30,578	1,165	-	Sp, Su, F	I	2000	Not Meeting Standards, Grazing is not a factor	Deferred-Rotation	Common Allotment
Vestal Butte	10035	2,243	120	-	Sp, Su	I	2011	Meeting all Standards	Yearly	None
Bear Mountain	10037	1,006	81	-	Sp, Su	I	2011	Meeting All Standards	Yearly	None
Crowfoot	10038	7,400	365	-	Sp, Su	I	2011	Meeting All Standards	Yearly	None
Crowfoot Creek	10039	516	70	-	Sp, Su	C	2008	Meeting All Standards	Yearly	None
Cobleigh Road	10040	89	7	-	Su	C	2003	Meeting All Standards	Yearly	None
Moser Mountain	10041	40	3	-	Sp	C	2011	Meeting All Standards	Yearly	None
Devon South	10043	412	33	-	Sp, Su	C	2008	Meeting All Standards	Yearly	None
Salt Creek	10044	463	85	-	Sp, Su	I	2002	Meeting All Standards	Yearly	None
Cove Creek	10112	1,290	75	-	Su	I	2011	Not Meeting the Standard and Grazing is a factor	Yearly	None
Buckpoint	10114	3,845	150	-	Su	C	2008	Not Meeting Standards, Grazing is not a factor	Yearly	None
Howard Prairie	10116	24	60	-	F, W	M	2012	Not Meeting the Standard and Grazing is not a factor	Yearly	None
Grizzly	10119	5,153	378	-	Su, F	I	1999	Not Meeting Standards, Grazing is not a factor	Yearly	Common Allotment
Lake Creek Spring	10121	4,250	447	-	Su	I	2009	Not Meeting Standards, Grazing is not a factor	Yearly	None
Lake Creek Summer	10122	4,442	550	-	Su, F	I	2009	Not Meeting Standards, Grazing is not a factor	Yearly	None

Allotment Name	Allotment Number	BLM Acres	Active Grazing Preference (AUMs) <sup>2</sup>	Suspended Grazing Preference (AUMs)	Season-of-Use <sup>3</sup>	Selective Management Category <sup>4</sup>	Rangeland Health Assessment Completed	Rangeland Health Assessment Finding <sup>5</sup>	Grazing System	Other Information
Deer Creek-Reno Lease	10124	4,062	314	-	Su, F	C	2009	Not Meeting Standards, Grazing is not a factor	Yearly	None
Heppsie Mountain	10126	4,105	294	-	Su, F	I	2007	Not Meeting Standards, Grazing is not a factor	Yearly	None
Antelope Road	10132	403	19	-	Sp, Su	C	2003	Not Meeting Standards, Grazing is not a factor	Yearly	None
Brownsboro	10133	121	7	-	Sp, Su	C	2003	Not Meeting Standards, Grazing is a factor	Yearly	None
Yankee Reservoir	10134	442	15	-	Su	I	2003	Not Meeting Standards, Grazing is a factor	Yearly	None
Canal	10136	440	58	-	Su	C	2003	Not Meeting Standards, Grazing is a factor	Yearly	None
Cove Ranch	10143	80	20	-	Su, F, W	C	2009	Not Meeting Standards, Grazing is not a factor	Yearly	None
North Cove Creek	10148	284	20	-	Su, F	C	2009	Not Meeting Standards, Grazing is not a factor	Yearly	None
Deadwood <sup>1</sup>	20106	7,966	788	-	Su	I	Not Completed	Not Completed	Yearly	Common Allotment
Poole Hill	20113	1,731	25	-	F	C	2007	Not Meeting Standards, Grazing is not a factor	Yearly	None
Conde Creek	20117	5,491	591	-	Su, F	I	2009	Not Meeting Standards, grazing is a factor	Yearly	Common Allotment
Billy Mountain	20203	4,977	175	-	Sp, Su	I	1999	Not Meeting Standards, Grazing is not a factor	Yearly	None
Lower Big Applegate	20206	11,909	258	-	Sp, Su	I	2012	Not Meeting Standards, Grazing is not a factor.	Yearly	None
Foots Creek	20219	115	12	-	Su	C	2009	Meeting All Standards	Yearly	None
Ferns Lease	20224	248	28	-	Su	C	Not Completed	Not Completed	Yearly	None
Deer Creek	20308	894	77	-	Sp, Su, F, W	C	2003	Not Meeting Standards, Grazing is not a factor	Yearly	Portion Proposed for Closure

<sup>1</sup> All or a portion of the allotment is located within the Cascade Siskiyou National Monument.

<sup>2</sup> Active Preference is cattle AUMs.

<sup>3</sup> Season of use categories for Medford W= winter (Nov-Jan), Sp=spring (Feb-Apr), Su=summer (May-Aug), F=fall (Sept-Oct)

<sup>4</sup> Selective Management Categories: Improve (I)-managed to resolve a high level of resource conflicts and concerns and receive the highest priority for funding and management actions; Maintain (M)-managed to maintain satisfactory resource conditions and will be actively managed to ensure that resource values do not decline; Custodial (C)-managed custodially to protect resource conditions and values.

<sup>5</sup> In allotments where grazing was a factor to nonattainment of a RHA standard, within one year of the assessment, a change to livestock grazing was implemented to eliminate livestock grazing as a contributing factor.

## **Standards for Rangeland Health**

The following section contains the *Standards for Rangeland Health and Guidelines for Livestock Grazing Management for Public Lands in Oregon and Washington*. These standards and guidelines are referenced in *Chapters 2 and 3* of this Draft EIS. Livestock grazing would be managed in accordance with these standards and guidelines.

STANDARDS FOR RANGELAND HEALTH  
AND  
GUIDELINES FOR LIVESTOCK GRAZING  
MANAGEMENT  
FOR  
PUBLIC LANDS ADMINISTERED BY THE BUREAU OF  
LAND MANAGEMENT IN THE STATES OF OREGON  
AND  
WASHINGTON  
AUGUST 12, 1997

# **Standards for Rangeland Health and Guidelines for Livestock Grazing Management for Public Lands in Oregon and Washington**

## **Introduction**

These Standards for Rangeland Health and Guidelines for Livestock Grazing Management for Public Lands in Oregon and Washington were developed in consultation with Resource Advisory Councils and Provincial Advisory Committees, tribes and others. These standards and guidelines meet the requirements and intent of 43 Code of Federal Regulations, Subpart 4180 (Rangeland Health) and are to be used as presented, in their entirety. These standards and guidelines are intended to provide a clear statement of agency policy and direction for those who use public lands for livestock grazing, and for those who are responsible for their management and accountable for their condition. Nothing in this document should be interpreted as an abrogation of Federal trust responsibilities in protection of treaty rights of Indian tribes or any other statutory responsibilities including, but not limited to, the Taylor Grazing Act, the Clean Water Act, and the Endangered Species Act.

## **Fundamentals of Rangeland Health**

The objectives of the rangeland health regulations referred to above are “to promote healthy sustainable rangeland ecosystems; to accelerate restoration and improvement of public rangelands to properly functioning conditions; . . . and to provide for the sustainability of the western livestock industry and communities that are dependent upon productive, healthy public rangelands.”

To help meet these objectives, the regulations on rangeland health identify fundamental principles providing direction to the States, districts, and on-the-ground public land managers and users in the management and use of rangeland ecosystems.

A hierarchy, or order, of ecological function and process exists within each ecosystem. The rangeland ecosystem consists of four primary, interactive components: a physical component, a biological component, a social component, and an economic component. This perspective implies that the physical function of an ecosystem supports the biological health, diversity, and productivity of that system. In turn, the interaction of the physical and biological components of the ecosystem provides the basic needs of society and supports economic use and potential.

The Fundamentals of Rangeland Health stated in 43 CFR 4180 are:

1. Watersheds are in, or are making significant progress toward, properly functioning physical condition, including their upland, riparian-wetland, and aquatic components; soil and plant conditions support infiltration, soil moisture storage and the release of water that are in balance with climate and landform and maintain or improve water quality, water quantity and the timing and duration of flow.
2. Ecological processes, including the hydrologic cycle, nutrient cycle and energy flow, are maintained, or there is significant progress toward their attainment, in order to support healthy biotic populations and communities.
3. Water quality complies with State water quality standards and achieves, or is making significant progress toward achieving, established Bureau of Land Management objectives such as meeting wildlife needs.



4. Habitats are, or are making significant progress toward being, restored or maintained for Federal threatened and endangered species, Federal Proposed, Category 1 and 2 Federal candidate and other special status species.

The fundamentals of rangeland health combine the basic precepts of physical function and biological health with elements of law relating to water quality, and plant and animal populations and communities. They provide direction in the development and implementation of the standards for rangeland health.

### **Standards for Rangeland Health**

The standards for rangeland health (standards), based on the above fundamentals, are expressions of the physical and biological condition or degree of function necessary to sustain healthy rangeland ecosystems. Although the focus of these standards is on domestic livestock grazing on Bureau of Land Management lands, on-the-ground decisions must consider the effects and impacts of all uses.

Standards that address the physical components of rangeland ecosystems focus on the roles and interactions of geology and landform, soil, climate and water as they govern watershed function and soil stability. The biological components addressed in the standards focus on the roles and interactions of plants, animals and microbes (producers, consumers and decomposers), and their habitats in the ecosystem. The biological component of rangeland ecosystems is supported by physical function of the system, and it is recognized that biological activity influences and supports many of the ecosystem's physical functions.

Guidance contained in 43 CFR 4180 of the regulations directs management toward the maintenance or restoration of the physical function and biological health of rangeland ecosystems. Focusing on the basic ecological health and function of rangelands is expected to provide for the maintenance, enhancement, or creation of future social and economic options.

The standards are based upon the ecological potential and capability of each site. In assessing a site's condition or degree of function, it must be understood that the evaluation compares each site to its own potential or capability. Potential and capability are defined as follows:

- **Potential**-The highest level of condition or degree of function a site can attain given no political, social, or economic constraints.
- **Capability**-The highest level of condition or degree of function a site can attain given certain political, social, or economic constraints. For example, these constraints might include riparian areas permanently occupied by a highway or railroad bed that prevent the stream's full access to its original flood plain. If such constraints are removed, the site may be able to move toward its potential.

In designing and implementing management strategies to meet the standards of rangeland health, the potential of the site must be identified, and any constraints recognized, in order that plan goals and objectives are realistic and physically and economically achievable.

### **Standards and Guidelines in Relation to the Planning Process**

The standards apply to the goals of land use plans, activity plans, and project plans (Allotment Management Plans, Annual Operating Plans, Habitat Management Plans, etc.). They establish the physical and biological conditions or degree of function toward which management of publicly-owned rangeland is to be directed. In the development of a plan, direction provided by the standards and the

social and economic needs expressed by local communities and individuals are brought together in formulating the goal(s) of that plan.

When the standards and the social and economic goals of the planning participants are woven together in the plan goal(s), the quantifiable, time specific objective(s) of the plan are then developed. Objectives describe and quantify the desired future conditions to be achieved within a specified timeframe. Each plan objective should address the physical, biological, social, and economic elements identified in the plan goal.

Standards apply to all ecological sites and landforms on public rangelands throughout Oregon and Washington. The standards require site-specific information for full on-ground usability. For each standard, a set of indicators is identified for use in tailoring the standards to site-specific situations. These indicators are used for rangeland ecosystem assessments and monitoring and for developing terms and conditions for permits and leases that achieve the plan goal.

Guidelines for livestock grazing management offer guidance in achieving the plan goal and objectives. The guidelines outline practices, methods, techniques and considerations used to ensure that progress is achieved in a way, and at a rate, that meets the plan goal and objectives.

### **Indicators of Rangeland Health**

The condition or degree of function of a site in relation to the standards and its trend toward or away from any standard is determined through the use of reliable and scientifically sound indicators. The consistent application of such indicators can provide an objective view of the condition and trend of a site when used by trained observers.

For example, the amount and distribution of ground cover can be used to indicate that infiltration at the soil surface can take place as described in the standard relating to upland watershed function. In applying this indicator, the specific levels of plant cover necessary to support infiltration in a particular soil should be identified using currently available information from reference areas, if they exist; from technical sources like soil survey reports, Ecological Site Inventories, and Ecological Site Descriptions, or from other existing reference materials. Reference areas are lands that best represent the potential of a specific ecological site in both physical function and biological health. In many instances potential reference areas are identified in Ecological Site Descriptions and are referred to as “type locations.” In the absence of suitable reference areas, the selection of indicators to be used in measuring or judging condition or function should be made by an interdisciplinary team of experienced professionals and other trained individuals.

Not all indicators identified for each standard are expected to be employed in every situation. Criteria for selecting appropriate indicators and methods of measurement and observation include, but are not limited to: 1. the relationship between the attribute(s) being measured or observed and the desired outcome; 2. the relationship between the activity (e.g., livestock grazing) and the attribute(s) being measured or observed; and 3. funds and workforce available to conduct the measurements or observations.

### **Assessments and Monitoring**

The standards are the basis for assessing and monitoring rangeland condition and trend. Carrying out well-designed assessment and monitoring is critical to restoring or maintaining healthy rangelands and determining trends and conditions.

Assessments are a cursory form of evaluation based on the standards that can be used at different landscape scales. Assessments, conducted by qualified interdisciplinary teams (which may include but are not limited to physical, biological, and social specialists, and interagency personnel) with participation

from permittees and other interested parties, are appropriate at the watershed and sub-watershed levels, at the allotment and pasture levels and on individual ecological sites or groups of sites. Assessments identify the condition or degree of function within the rangeland ecosystem and indicate resource problems and issues that should be monitored or studied in more detail. The results of assessments are a valuable tool for managers in assigning priorities within an administrative area and the subsequent allocation of personnel, money and time in resource monitoring and treatment. The results of assessments may also be used in making management decisions where an obvious problem exists.

Monitoring, which is the well documented and orderly collection, analysis and interpretation of resource data, serves as the basis for determining trends in the condition or degree of function of rangeland resources and for making management decisions. Monitoring should be designed and carried out to identify trends in resource conditions, to point out resource problems, to help indicate the cause of such problems, to point out solutions, and/or to contribute to adaptive management decisions. In cases where monitoring data do not exist, professional judgment, supported by interdisciplinary team recommendation, may be relied upon by the authorized officer in order to take necessary action. Review and evaluation of new information must be an ongoing activity.

To be effective, monitoring must be consistent over time, throughout administrative areas, and in the methods of measurement and observation of selected indicators. Those doing the monitoring must have the knowledge and skill required by the level or intensity of the monitoring being done, as well as the experience to properly interpret the results. Technical support for training must be made available.

### **Measurability**

It is recognized that not every area will immediately meet the standards and that it will sometimes be a long-term process to restore some rangelands to properly functioning condition. It is intended that in cases where standards are not being met, measurable progress should be made toward achieving those standards, and significant progress should be made toward fulfilling the fundamentals of rangeland health. Measurability is defined on a case-specific basis based upon the stated planning objectives (i.e., quantifiable, time specific), taking into account economic and social goals along with the biological and ecological capability of the area. To the extent that a rate of recovery conforms with the planning objectives, the area is allowed the time to meet the standard under the selected management regime.

### **Implementation**

The material contained in this document will be incorporated into existing Land Use Plans and used in the development of new Land Use Plans. According to 43 CFR 4130.3-1, permits and leases shall incorporate terms and conditions that ensure conformance with 43 CFR 4180. Terms and conditions of existing permits and leases will be modified to reflect standards and guidelines at the earliest possible date with priority for modification being at the discretion of the authorized officer. Terms and conditions of new permits and leases will reflect standards and guidelines in their development.

Indicators identified in this document will serve as a focus of interpretation of existing monitoring data and will provide the basis of design for monitoring and assessment techniques, and in the development of monitoring and assessment plans.

The authorized officer shall take appropriate action as soon as practicable but not later than the start of the next grazing year upon determining, through assessment or monitoring by experienced professionals and interdisciplinary teams, that a standard is not being achieved and that livestock are a significant contributing factor to the failure to achieve the standards and conform with the guidelines.

## Standards for Rangeland Health

### Standard 1 Watershed Function – Uplands

***Upland soils exhibit infiltration and permeability rates, moisture storage and stability that are appropriate to soil, climate and landform.***

#### **Rationale and Intent**

This standard focuses on the basic physical functions of upland soils that support plant growth, the maintenance or development of plant populations and communities, and promote dependable flows of quality water from the watershed.

To achieve and sustain rangeland health, watersheds must function properly. Watersheds consist of three principle components: the uplands, riparian/wetland areas and the aquatic zone. This standard addresses the upland component of the watershed. When functioning properly, within its potential, a watershed captures, stores and safely releases the moisture associated with normal precipitation events (equal to or less than the 25 year, 5 hour event) that falls within its boundaries. Uplands make up the largest part of the watershed and are where most of the moisture received during precipitation events is captured and stored.

While all watersheds consist of similar components and processes, each is unique in its individual makeup. Each watershed displays its own pattern of landform and soil, its unique climate and weather patterns, and its own history of use and current condition. In directing management toward achieving this standard, it is essential to treat each unit of the landscape (soil, ecological site, and watershed) according to its own capability and how it fits with both smaller and larger units of the landscape. A set of potential indicators has been identified for which site-specific criteria will be used to determine if this standard is being met. The appropriate indicators to be used in determining attainment of the standard should be drawn from the following list.

#### **Potential Indicators**

Protection of the soil surface from raindrop impact; detention of overland flow; maintenance of infiltration and permeability, and protection of the soil surface from erosion, consistent with the potential/capability of the site, as evidenced by the following:

- Amount and distribution of plant cover (including forest canopy cover)
- Amount and distribution of plant litter
- Accumulation/incorporation of organic matter
- Amount and distribution of bare ground
- Amount and distribution of rock, stone, and gravel
- Plant composition and community structure
- Thickness and continuity of A horizon
- Character of micro-relief
- Presence and integrity of biotic crusts
- Root occupancy of the soil profile
- Biological activity (plant, animal, and insect)
- Absence of accelerated erosion and overland flow



Soil and plant conditions promote moisture storage as evidenced by:

- Amount and distribution of plant cover (including forest canopy cover)
- Amount and distribution of plant litter
- Plant composition and community structure
- Accumulation/incorporation of organic matter

### **Standard 2 Watershed Function - Riparian/Wetland Areas**

***Riparian-wetland areas are in properly functioning physical condition appropriate to soil, climate, and landform.***

#### **Rationale and Intent**

Riparian-wetland areas are grouped into two major categories: 1. lentic, or standing water systems such as lakes, ponds, seeps, bogs, and meadows; and 2. lotic, or moving water systems such as rivers, streams, and springs. Wetlands are areas that are inundated or saturated by surface or ground water at a frequency and duration to support, and which under normal circumstances do support, a prevalence of vegetation typically adapted to life in saturated soil conditions. Riparian areas commonly occupy the transition zone between the uplands and surface water bodies (the aquatic zone) or permanently saturated wetlands.

Properly functioning condition of riparian and wetland areas describes the degree of physical function of these components of the watershed. Their functionality is important to water quality in the capture and retention of sediment and debris, the detention and detoxification of pollutants, and in moderating seasonal extremes of water temperature. Properly functioning riparian areas and wetlands enhance the timing and duration of streamflow through dissipation of flood energy, improved bank storage, and ground water recharge. Properly functioning condition should not be confused with the Desired Plant Community (DPC) or the Desired Future Condition (DFC) since, in most cases, it is the precursor to these levels of resource condition and is required for their attainment.

A set of indicators has been identified for which site-specific criteria will be used to determine if this standard is being met. The criteria are based upon the potential (or upon the capability where potential cannot be achieved) of individual sites or land forms.

#### **Potential Indicators**

Hydrologic, vegetative, and erosional/depositional processes interact in supporting physical function, consistent with the potential or capability of the site, as evidenced by:

- Frequency of floodplain/wetland inundation;
- Plant composition, age class distribution, and community structure;
- Root mass;
- Point bars re-vegetating;
- Streambank/shoreline stability;
- Riparian area width;
- Sediment deposition;
- Active/stable beaver dams;
- Coarse/large woody debris;
- Upland watershed conditions;

- Frequency/duration of soil saturation; and
- Water table fluctuation.

Stream channel characteristics are appropriate for landscape position as evidenced by:

- Channel width/depth ratio;
- Channel sinuosity;
- Gradient;
- Rocks and coarse and/or large woody debris;
- Overhanging banks;
- Pool/riffle ratio;
- Pool size and frequency; and
- Stream embeddedness.

### **Standard 3 Ecological Processes**

***Healthy, productive and diverse plant and animal populations and communities appropriate to soil, climate and landform are supported by ecological processes of nutrient cycling, energy flow and the hydrologic cycle.***

#### **Rationale and Intent**

This standard addresses the ecological processes of energy flow and nutrient cycling as influenced by existing and desired plant and animal communities without establishing the kinds, amounts, or proportions of plant and animal community compositions. While emphasis may be on native species, an ecological site may be capable of supporting a number of different native and introduced plant and animal populations and communities while meeting this standard. This standard also addresses the hydrologic cycle, which is essential for plant growth and appropriate levels of energy flow and nutrient cycling. Standards 1 and 2 address the watershed aspects of the hydrologic cycle.

With few exceptions, all life on earth is supported by the energy supplied by the sun and captured by plants in the process of photosynthesis. This energy enters the food chain when plants are consumed by insects and herbivores and passes upward through the food chain to the carnivores. Eventually, the energy reaches the decomposers and is released as the thermal output of decomposition or through oxidation.

The ability of plants to capture sunlight energy, to grow and develop, to play a role in soil development and watershed function, to provide habitat for wildlife and to support economic uses depends on the availability of nutrients and moisture. Nutrients necessary for plant growth are made available to plants through the decomposition and metabolization of organic matter by insects, bacteria, and fungi, the weathering of rocks and extraction from the atmosphere. Nutrients are transported through the soil by plant uptake, leaching and by rodent, insect and microbial activity. They follow cyclical patterns as they are used and reused by living organisms.

The ability of rangelands to supply resources and satisfy social and economic needs depends on the buildup and cycling of nutrients over time. Interrupting or slowing nutrient cycling can lead to site degradation, as these lands become increasingly deficient in the nutrients plants require.

Some plant communities, because of past use, frequent fire or other histories of extreme or continued disturbance, are incapable of meeting this standard. For example, shallow-rooted winter-annual grasses that completely dominate some sites do not fully occupy the potential rooting depth of some soils, thereby reducing nutrient cycling well below optimum levels. In addition, these plants have a relatively short growth period and thus capture less sunlight than more diverse plant communities. Plant communities like those cited in this example are considered to have crossed the threshold of recovery and often require great expense to be recovered. The cost of recovery must be weighed against the site's potential ecological/economic value in establishing treatment priorities.

The role of fire in natural ecosystems should be considered, whether it acts as a primary driver or only as one of many factors. It may play a significant role in both nutrient cycling and energy flows.

A set of indicators has been identified for which site-specific criteria will be used to determine if this standard is being met.

### **Potential Indicators**

Photosynthesis is effectively occurring throughout the potential growing season, consistent with the potential/capability of the site, as evidenced by plant composition and community structure.

Nutrient cycling is occurring effectively, consistent with the potential/capability of the site, as evidenced by:

- Plant composition and community structure;
- Accumulation, distribution, incorporation of plant litter and organic matter into the soil;
- Animal community structure and composition;
- Root occupancy in the soil profile; and
- Biological activity including plant growth, herbivory, and rodent, insect, and microbial activity.

## **Standard 4 Water Quality**

***Surface water and groundwater quality, influenced by agency actions, complies with State water quality standards.***

### **Rationale and Intent**

The quality of the water yielded by a watershed is determined by the physical and chemical properties of the geology and soils unique to the watershed, the prevailing climate and weather patterns, current resource conditions, the uses to which the land is put and the quality of the management of those uses. Standards 1, 2, and 3 contribute to attaining this standard.

States are legally required to establish water quality standards and Federal land management agencies are to comply with those standards. In mixed ownership watersheds, agencies, like any other landowners, have limited influence on the quality of the water yielded by the watershed. The actions taken by the agency will contribute to meeting State water quality standards during the period that water crosses agency-administered holdings.

### **Potential Indicators**

Water quality meets applicable water quality standards as evidenced by:

- Water temperature;
- Dissolved oxygen;
- Fecal coliform;
- Turbidity;
- pH;
- Populations of aquatic organisms; and
- Effects on beneficial uses (i.e., effects of management activities on beneficial uses as defined under the Clean Water Act and State implementing regulations).

## **Standard 5 Native, T&E, and Locally Important Species**

***Habitats support healthy, productive and diverse populations and communities of native plants and animals (including special status species and species of local importance) appropriate to soil, climate and landform.***

### **Rationale and Intent**

Federal agencies are mandated to protect threatened and endangered species and will take appropriate action to avoid the listing of any species. This standard focuses on retaining and restoring native plant and animal (including fish) species, populations and communities (including threatened, endangered and other special status species and species of local importance). In meeting the standard, native plant communities and animal habitats would be spatially distributed across the landscape with a density and frequency of species suitable to ensure reproductive capability and sustainability. Plant populations and communities would exhibit a range of age classes necessary to sustain recruitment and mortality fluctuations.

### **Potential Indicators**

Essential habitat elements for species, populations, and communities are present and available, consistent with the potential/capability of the landscape, as evidenced by:

- plant community composition, age class distribution, productivity;
- animal community composition, productivity;
- habitat elements;
- spatial distribution of habitat;
- habitat connectivity; and
- population stability/resilience

## **Guidelines for Livestock Grazing Management**

Guidelines for livestock grazing management offer guidance in achieving plan goals, meeting standards for rangeland health and fulfilling the fundamentals of rangeland health. Guidelines are applied in accordance with the capabilities of the resource in consultation, cooperation, and coordination with permittees/lessees and the interested public. Guidelines enable managers to adjust grazing management on public lands to meet current and anticipated climatic and biological conditions.



### **General Guidelines**

1. Involve diverse interests in rangeland assessment, planning and monitoring.
2. Assessment and monitoring are essential to the management of rangelands, especially in areas where resource problems exist or issues arise. Monitoring should proceed using a qualitative method of assessment to identify critical, site-specific problems or issues using interdisciplinary teams of specialists, managers, and knowledgeable land users.

Once identified, critical, site-specific problems or issues should be targeted for more intensive, quantitative monitoring or investigation. Priority for monitoring and treatment should be given to those areas that are ecologically at-risk where benefits can be maximized given existing budgets and other resources.

### ***Livestock Grazing Management***

1. The season, timing, frequency, duration and intensity of livestock grazing use should be based on the physical and biological characteristics of the site and the management unit in order to:
  - a. Provide adequate cover (live plants, plant litter and residue) to promote infiltration, conserve soil moisture and to maintain soil stability.
  - b. Provide adequate cover and plant community structure to promote streambank stability, debris and sediment capture, floodwater energy dissipation in the riparian areas.
  - c. Promote soil surface conditions that support infiltration.
  - d. Avoid sub-surface soil compaction that retards the movement of water in the soil profile.
  - e. Help prevent the increase and spread of noxious weeds.
  - f. Maintain or restore diverse plant populations and communities that fully occupy the potential rooting volume of the soil
  - g. Maintain or restore plant communities that optimize the length of the photosynthetic period.
  - h. Promote soil and site conditions that provide the opportunity for the establishment of desirable plants
  - i. Protect or restore water quality.
  - j. Provide for the life cycle requirements, and maintain or restore the habitat elements of native (including T and E, special status, and locally important species) and desired plants and animals.
2. Grazing management plans should be tailored to site-specific conditions and plan objectives. Livestock grazing should be coordinated with the timing of precipitation, plant growth and plant form. Soil moisture, plant growth stage and the timing of peak stream flows are key factors in determining when to graze. Response to different grazing strategies varies with differing ecological sites.
3. Grazing management systems should consider nutritional and her health requirements of the livestock in the system.
4. Integrate grazing management systems into the year-round management strategy and resources of the permittee(s) or lessee(s). Consider the use of collaborative approaches (e.g., Coordinated Resource Management, Working Groups) in the integration.
5. Competition for forage and browse between livestock, big game animals, and wild horses must be considered in designing and implementing a grazing plan.
6. Provide periodic rest from grazing for rangeland vegetation during critical growth periods to promote plant vigor, reproduction and productivity.
7. Range improvements practices should be prioritized to promotes rehabilitation and resolve grazing concerns on transitory grazing land.
8. The potential for conflict between grazing use on public land and adjoining land uses must be considered in the design and implementation of the grazing management plan.

### ***Facilitating the Management of Livestock Grazing***

1. The uses of practices to facilitate the implementation of grazing systems should consider the kind and class of animals managed, indigenous wildlife, wild horses, the terrain and the availability of water. Practices such as fencing, herding, water development, and the placement of salt and supplements are used where appropriate to:
  - a. Provide adequate cover (live plants, plant litter and residue) to promote infiltration, conserve soil moisture and to maintain soil stability.
  - b. Encourage a uniform level of proper grazing use throughout the grazing unit;
  - c. Avoid unwanted or damaging concentrations of livestock on streambank, in riparian areas and other sensitive areas such as highly erodible soils, unique wildlife habitat, and plant communities and
  - d. Protect water quality.
2. Roads used to facilitate livestock grazing are constructed and maintained in a manner that minimized the effects on landscape hydrology; concentration of overland flow, erosion and sediment transport are prevented; and subsurface flows are retained.

### ***Accelerating Rangeland Recovery***

1. Upland treatments that alter the vegetative composition of a site, like prescribed burning, juniper management and seedings or plants must be based on the potential of the site and should:
2. Retain or promote infiltration, permeability, and soil moisture storage
  - a. Contribute to nutrient cycling and energy flow.
  - b. Protect water quality
  - c. Help prevent the increase and spread of noxious weeds
  - d. Contribute to the diversity of plant communities and plant community composition and structure
  - e. Support the conservation of T&E, other special status species and species of local importance
  - f. Be followed up with grazing management and other treatments that extend the life of the treatments and address the cause of the original treatment need.
  - g. Seedings and plantings of non-native vegetation should only be used in those cases where native species are not available in sufficient quantities, native species are incapable of maintaining or achieving the Standards; or where non-native species are essential to the protection of the functional integrity of the site.
3. Structural and vegetative treatments and animal introductions in riparian and wetland areas must be compatible with the capability of the site, including the systems hydrologic regime, and contribute to the maintenance or restoration of properly functioning condition.

## **Drought Management Policies**

With drought conditions and issues, the principal focus of the Bureau of Land Management's actions is to maintain the long-term health and productivity of the Nation's rangelands with awareness to maintain a balance to those who rely on public lands for their livelihood.

### **Pre-Season**

Preferable four or months before turn out, but a minimum of one month prior to turn out (or 2 weeks if authorized use is year round).

Inform grazing permittee and lessees, in writing, about current and projected drought conditions. Outline potential responsive management actions the BLM may take that would affect their use of public lands for grazing in the coming grazing season. Actively engage and encourage operators to communicate and coordinate identifying and implementing appropriately responsive grazing management adjustments.

Inform permittee of suggested adjustments to grazing use, as necessary, which may include reducing livestock numbers, shortening the season of use, altering pasture move dates, changing pasture rotations, authorizing water hauling, allowing use in vacant allotments.

Line officers have the option to implement needed changes through a formal agreement between the BLM and grazing operator (which is recommended to be implemented by decision) that specifies the drought-related grazing adjustments (43 CFR 4110.3-3 (a)), or by temporarily suspending or otherwise modifying use via a decision that may be put into immediate effect, if necessary (43 CFR 4113.3-2 (a) and 3-3 (b)). Be sure to include the intended duration of the drought-related grazing adjustment with rationale.

Issuing a grazing decision to implement an agreement for changes in use provides for administrative finality of the approval of actions that will occur under the agreement. Issuing a grazing agreement where agreement cannot be reached must be preceded by a reasonable attempt at consultation, cooperation, and coordination with affected grazing operators, the state having lands or responsible for managing resources in the affected area and the interested public.

### **Mid-Season**

Evaluate on-the-ground resource conditions to determine the effects and appropriateness of continued grazing by all users. Continue to interact with affected livestock permittees and lessees to refine livestock grazing management practices as needed. Communicate to permittees or lessees in advance the conditions or circumstances that would prompt further livestock management adjustments or modifications.

During multiple-year drought cycles consult with the agency to determine if temporary reductions of ungulate populations are appropriate to provide for healthy long-term habitats.

### **Late-Season**

Notify permit or lease holder they must move or remove livestock within a designated period, if adverse impacts to resources attributable to livestock grazing are occurring despite the drought response actions implemented.

Regulation 43 CFR 4130.8-2(b) authorizes the BLM to refund grazing fees if previously approved grazing use is not made due to drought conditions.

Coordinate with State Fish and Wildlife Agencies on drought response actions and potential effects to fish and wildlife pursuant to state-level Memorandums of Understanding with the BLM.

Coordinate and consult with the U.S. Fish and Wildlife Service and National Marine Fisheries Service on drought response actions and potential effects to Federally-listed fish and wildlife pursuant to section 7 of the Endangered Species Act.

### **References**

- USDI BLM. 1989. BLM Manual Handbook 1741-1 – Fencing. Available at BLM district offices.
- USDI BLM. 1990. BLM Manual Handbook 1741-2 – Water Developments. Available at BLM district offices.

## Appendix L – Energy and Minerals

This appendix contains the following:

- Trends in salable mineral developments and proposed guidelines on salable mineral exploration and development activity
- Trends in locatable mineral developments and regulation for locatable mineral exploration and development activity
- Reasonably foreseeable leasable mineral developments and proposed stipulations on leasable mineral exploration and development activity
- Quarry management in special areas
- Rankings of prospective mineral occurrence or development ranking of each special area that is recommended for withdrawal from locatable mineral entry

### Trends in Salable Mineral Developments and Guidelines

**Table L-1** shows the estimated number of new quarries that could be developed or the existing sites that will require expansion for development per district over a 10-year period. Based on past BLM data, one-half acre per site was used as the estimated amount of land to be disturbed for either a new site or the expansion of an existing site. As **Table L-1** shows, the BLM estimates that 37 quarry developments or expansions would utilize 18.5 acres of land in the next 10 years.

**Table L-1.** Salable mineral development ten-year scenario for new or expanded\* quarry development. The BLM assumes 0.5 acres per quarry.

	Coos Bay	Eugene	Klamath Falls	Medford	Roseburg	Salem	Totals
Number of quarries	7	4	2	9	6	9	37
<b>Total (Acres)</b>	<b>3.5</b>	<b>2</b>	<b>1</b>	<b>4.5</b>	<b>3</b>	<b>4.5</b>	<b>18.5</b>

\* Expanded development beyond the existing quarry development footprint.

### Salable Mineral Developments and Guidelines

Where practicable, the following requirements should be incorporated into quarry design and use of mineral material sites:

- BLM quarries will be designed to have slopes no steeper than 1.5 : 1, which is the current State of Oregon standard. Bench height should not exceed 40 feet and bench width should be at least 12 feet wide or wider if regularly used by earthmoving equipment.
- All topsoil shall be stockpiled or windrowed as appropriate, for use in reclamation. Where needed, stabilization and erosion control of overburden and stockpiles will be employed.
- Clearing of timber and brush should be planned at least 10 feet beyond the edge of the excavation limit.
- If applicable, the quarry floor should be designed with an out slope to provide for adequate drainage. Alternatively, often water can be managed through infiltration.
- The operator shall comply with Federal, local and state safety codes or regulations covering quarry operations, warning signs and traffic control. All necessary permits must be obtained from Federal, State, and local agencies.
- Use of the quarry site beyond that of the contract period will require authorization normally under a temporary use permit.
- Where reasonably practicable, based on the approved mining and reclamation plan, all material sites will be graded to conform with the surrounding topography prior to closure. Topsoil will be



utilized to create a medium for re-vegetation. Access roads no longer needed will be reclaimed. Other reclamation strategies include helicopter landing site, log landing, dispersed camp site, recreational shooting range, overburden waste sites for ditch cleanings or landslides, fire staging areas, helicopter ponds sites, hang gliding sites, raptor nesting (in rock walls of the quarry benches), or other post-quarry uses.

### Trends in Locatable Mineral Development and Regulation

**Tables L-2 and L-3** show the estimated number of notices and plans of operation that may be filed over the next ten years. The BLM used past data to estimate the number of proposals and the acres per operation. This data showed that the average plan of operation is about three acres and the average notice is about one-quarter of an acre. Based on the number of past submittals of mining proposals the BLM expects that 86 notices and 24 plans of operations will be submitted over a 10-year period (**Table L-2**). These notices will cover 21 acres, with the majority of the notices in the Medford district. Approximately 24 plans of operation will cover 72 acres, with the majority of the plans of operation in the Medford District (**Table L-3**). Notices or plans of operation will utilize 93 acres over the next 10 years in the decision area.

**Table L-2.** Locatable mineral development 10-year scenario notices of operation. The BLM assumes 0.25 acres per notice.

	Coos Bay	Eugene	Klamath Falls	Medford	Roseburg	Salem	Totals
Number of notices	4	4	-	70	4	4	<b>86</b>
<b>Total (Acres)</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>17</b>	<b>1</b>	<b>1</b>	<b>21</b>

**Table L-3.** Locatable mineral development 10-year scenario plans of operation. The BLM assumes 3 acres per plan of operation.

	Coos Bay	Eugene	Klamath Falls	Medford	Roseburg	Salem	Totals
Number of plans of operation	1	1	-	20	1	1	<b>24</b>
<b>Total (Acres)</b>	<b>3</b>	<b>3</b>	<b>-</b>	<b>60</b>	<b>3</b>	<b>3</b>	<b>72</b>

Mining is regulated by the *Surface Management Regulations* (43 CFR 3809) and *Use and Occupancy Under the Mining Laws* (43 CFR 3715). It is the responsibility of the mining claimant/operator to prevent “unnecessary or undue degradation,” perform all necessary reclamation work, and comply with relevant Federal and State regulations.

Operations ordinarily resulting in only negligible disturbance as defined in 43 CFR 3809.5 are considered to be casual use and no notification to the BLM is required. All activities exceeding casual use must file a notice or plan of operations.

### Reasonably Foreseeable Leasable Mineral Developments and Proposed Restrictions

The Reasonably Foreseeable Mineral and Energy Developments from the 2008 RMP/EIS (Appendix Q pp. 564, 568-622) is incorporated by reference.

The BLM has completed a review in 2015 of the fluid mineral reasonably foreseeable development scenarios (RFDs) for the 2008 RMP/EIS. The intent of the review was to determine if the RFDs could be included into this EIS by reference. The review focused on whether the circumstances or research completed in the RFDs had substantially altered since 2008.

Discussions with Dr. Allan Niem, the author or co-author of the predominantly referenced materials in

this EIS, indicates that the geologic settings and interpreted petroleum plays and systems have not altered substantially. Dr. Niem's work is focusing on detailing his original research. No substantial publications have been issued since 2008 that would alter the RFDs interpretations. There are no concerns in incorporating by reference the resource portion of the RFDs from the 2008 RMP/EIS.

Potential development scenarios of the Coos Basin Coalbed Natural Gas (CBNG) Play, as described in this EIS, were dependent upon industry interest and development, as well as natural gas prices, occurring in 2008. Between 2008 and the present, the gas prices have dropped more than 3-fold, the original company involved with the Coos Basin development has gone into receivership through bankruptcy, and the current holder of the Coos Basin developments is Westport Energy. Westport Energy has retained property interests, but intends to abandon permanently all but five wells, which are located in the shallow gases. The remaining five wells will be kept in long-term suspension (Bob Houston, Oregon Department of Geology and Mineral Industries, personal communication-multiple events, 2014 and 2015). Therefore, based on this information, the projected development scenarios described in 2008 were not accurate.

However, a change in development scenario of CBNG for this EIS is not likely warranted. Analysis of the projected infrastructure was completed, with resulting stipulations. Analysis does not guarantee development; any development less than the analysis do not create an exceedance of impact. There are a great many unknowns that may occur within the life of this DEIS and future RMP. Neither the geologic setting nor the mineral potential for CBNG has altered since 2008. The current operator is maintaining resource extraction capabilities for future development. That development could occur under many highly feasible circumstances. The first is the development of the natural gas export facility in Coos Bay. Such systems would increase the market value of the Coos Basin CBNG and provide an immediate connection to market. Secondly, there would possibly be an increase in the domestic value of natural gas. During the research of 2008, natural gas prices ranged up to \$15.00/MMcf at wellhead. It has since reached lows below \$3.00/MMcf. As historical prices did reach the high level at one time, it is plausible that the same level could be reached or exceeded, making development of the Coos Basin once more marketable. Based on this reasoning, especially the foreseeable development of the Coos Bay export facility within the life of the RMP, it is recommended that the development scenarios within the 2008 document be maintained and incorporated into this EIS by reference.

### **Proposed Stipulations on Leasable Mineral Exploration and Development Activity**

The section titled Proposed Restrictions and Requirements on Mineral and Energy Exploration and Development Activity from the 2008 RMP/EIS (USDI BLM 2008, Appendix Q, pp. 623-631) is incorporated by reference.

The State Geologist and the Medford District Geologist reviewed the stipulations of the 2008 document and found them applicable.

The same special leasing stipulations as Recreation Sites from Appendix Q, p. 628 of the 2008 RMP/EIS shall be applied to the land use allocation of Recreation Management Areas.

The land use allocations of eligible Wild and Scenic River segments and lands managed for Wilderness Characteristics shall have the following stipulations:

#### **No Surface Occupancy**

Resource: eligible Wild and Scenic River segments and Lands managed for Wilderness Characteristics

**Stipulation:** Surface occupancy and use are prohibited within all eligible Wild and Scenic River segments and Lands managed for Wilderness Characteristics.

**Objective:** To protect eligible Wild and Scenic River segments and Lands managed for Wilderness Characteristics lands.

**Exception:** An exception to this stipulation may be granted by the Authorized Officer, if the operator submits a plan demonstrating that impacts from the proposed action are acceptable or can be adequately mitigated.

**Modification:** The boundaries of the stipulated area may be modified by the Authorized Officer, if the eligible Wild and Scenic River segments and Lands managed for Wilderness Characteristics boundaries are changed.

**Waiver:** This stipulation may be waived, if the Authorized Officer determines that the entire leasehold no longer contains eligible Wild and Scenic River segments and Lands managed for Wilderness Characteristics designations.

The stipulations will apply to all forms of leasable fluid minerals, including geothermal.

### Quarry Management within Special Areas

This section includes a discussion of Lands managed for their Wilderness Characteristics, eligible Wild and Scenic River segments, Areas of Critical Environmental Concern, and Recreation Management Areas that have quarries within their boundaries.

When gathering data for this information, many of the BLM staff (geologists, realty specialists, and engineers) stated that even though the entire area is proposed for closure to salable mineral development, many of the districts prefer to keep some or all of the developed quarries open until the quarry is depleted. See the appropriate section of this RMP revision for which areas closed to salable mineral entry for each alternative. Eligible Wild and Scenic River segments, Lands managed for Wilderness Characteristics ACECs, and RMAs that have existing developed quarries within their boundaries are detailed in **Tables L-4 through L-7**.

**Table L-4.** Quarries located in Lands managed for Wilderness Characteristics (LWCs) by district/field office.

District/Field Office	LWC Name	Quarry Name
Medford	Burton-Ninemile	Burton Butte
		Negro Bend
		Unnamed
	Dakubetede	Anderson Butte
	Wild Rogue Addition	Fire Fly
		Kelsey Peak
		Marble Gap
		Mt. Ruben
		Mt. Ruben Road
		Serpeng Springs

**Table L-5.** Quarries located in eligible Wild and Scenic River segments by district/field office.

District/Field Office	Eligible Wild and Scenic River	Quarry Name
Coos Bay	South Fork Coquille River	Oregon State Highway Pit
		Old Diamond Pit
Medford	Cow Creek	Cow Creek Number C
		Russell Road
	Elk Valley Creek	Elk Valley Quarry
	Quines Creek	Quines Creek Quarry
Roseburg	Cow Creek	Cattle Creek
		Quarry
Salem	Luckiamute River	Pedee Quarry

**Table L-6.** Quarries located in Areas of Environmental Concern by district/field office.

District/Field Office	ACEC Name	Quarry Name
Coos Bay	Roman Nose	Roman Nose
Eugene	Low Elevation Headwaters of the McKenzie River	West Hagan
Medford	Dakubetede	Anderson Butte
	East Fork Whiskey Creek	Mt. Ruben
		Mt. Ruben Road
	Old Baldy	Old Baldy
Roseburg	China Ditch	Buck Fork Creek
		Quarry/28-4-13B

**Table L-7.** Quarries located in Recreation Management Areas (RMAs) by district/field office.

District/Field Office	RMA Name	Quarry Name
Eugene	Coburg Hiking Trail System	McGowan Creek
		Lake Creek
	Upper Lake Creek	Prairie Mt.
		Prairie Mtn.

## Ranking of the Prospective Mineral Occurrence and/or Development of Each Special Area Recommended for Withdrawal from Locatable Mineral Entry

Tables L-8 through L-11 list the estimated prospective mineral occurrence and/or development ranking of each eligible Wild and Scenic River segments, lands managed for Wilderness Characteristics, ACEC, and RMA that is recommended for withdrawal from locatable mineral entry. Some proposals have multiple polygons; when this was the case, each polygon was analyzed separately and that is why some sites have multiple rankings. Chapter 3 contains information on which areas are proposed for a recommendation for withdrawal from mineral entry by each alternative.



**Table L-8.** Ranking of each Lands managed for their Wilderness Characteristics that are recommended for withdrawal from locatable mineral entry. These withdrawals vary by alternative.

<b>Lands Managed for Wilderness Characteristics</b>	<b>Ranking</b>
Berry Creek	Low
Bull of the Woods-Opal Creek Add - Evans Mountain	High
Bull of the Woods-Opal Creek Add - Nasty Rock	High
Burton-Ninemile	High
Clackamas Wilderness Add - Memaloose Creek	Low
Clackamas Wilderness Add - South Fork Clackamas #1	Low
Clackamas Wilderness Add - South Fork Clackamas #2	Low
Dakubetede	High
Round Top Mountain	High
Salmon Huckleberry Add - Boulder Creek	Low
Salmon Huckleberry Add - Eagle River	Low
Salmon Huckleberry Add - Salmon River	Low
Table Rock Wilderness Add	Low
Wasson Creek	Low
Wellington Mountain	High
Whiskey Creek	High
Wild Rogue	High
Wild Rogue Additions	High

**Table L-9.** Ranking of each eligible Wild and Scenic River segment that is recommended for withdrawal from locatable mineral entry for all alternatives including the No Action alternative.

<b>Eligible Wild and Scenic River Segment Name</b>	<b>Ranking</b>
Alsea River	Low
Antelope Creek	Medium
Applegate River	High
Big Butte Creek (including South Fork Big Butte)	Medium
Cheney Creek	Medium
Clackamas River	Low
Cow Creek	High
Drift Creek	Low
Drift Creek Segment A and B	Low
Elk Valley Creek	High
Fall Creek - Eugene	Low
Fall Creek - Salem	Low/Low
Kilches River	Low
Lake Creek	Low
Left Fork Foots Creek	High
Little Applegate River	High
Little Luckiamute River	Medium
Little North Santiam River	High
Lobster Creek	Low
Lobster Creek Segment B	Low
McKenzie River	Low
Middle Santiam River	Low
Nehalem River	Low
Nelson Creek	Low

<b>Eligible Wild and Scenic River Segment Name</b>	<b>Ranking</b>
Nestucca River Segment B	Low
North Fork Clackamas River	Low
North Fork Gate Creek	Low
North Fork Siletz River	Low
North Fork Trask River	Low
North Santiam	Medium
Quines Creek	High
Riffle Creek	High
Rogue River	High
Sam’s Creek	High
Sandy River Segments A and B	Low
Siletz River	Low
Sixes River	High
South Fork Coos River	Low
South Fork Coquille River	High
South Fork Gate Creek	Low
South Fork Little Butte Creek	Low
South Fork Trask River	Low
South Umpqua River	High
South Yamhill River	Medium
Table Rock Fork Molalla River	Medium
Trask River	Low
Tualatin River	Low
Umpqua River	Medium
West Fork Illinois River	High
Willamette River	Low
Wilson River	Low
Yaquina River	Low

**Table L-10.** Ranking of each Area of Environmental Concern (ACEC) that is recommended for withdrawal from locatable mineral entry. These withdrawals vary by alternative.

<b>ACEC Name</b>	<b>Ranking</b>
Baker Cypress	Low
Bear Gulch	High
Beatty Creek	High
Beaver Creek	Low
Bobby Creek	Low
Brewer Spruce	Medium/High
Bumpheads	Low
Bushnell-Irwin Rocks	Low
Callahan Meadows	Medium
Camas Swale	Low
Cherry Creek	Low
China Wall	Low
Coburg Hills	Low
Cougar Mountain Yew Grove	Low
Crabtree Complex	Medium
Dakubetede	Medium/High

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ACEC Name	Ranking
Dorena Lake	Low
East Fork Whiskey Creek	High
Eight Dollar Mountain	Medium/High
Elk Creek	Low
Forest Peak	Low
Fox Hollow	Low
Grass Mountain	Low
Grassy Mountain	Low
Grayback Glades	Medium
Heceta Sand Dunes	Medium
High Peak - Moon Creek	Low
Holton Creek	Medium
Horse Rock Ridge	Low
Hult Marsh	Low
Hunter Creek Bog	High
Iron Creek	High
Little North Fork Wilson River	Medium
Little Sink	Low
Lost Prairie	Low/Low
Lower Scappoose Eagle	Low/Medium
Mary's Peak	Low/Medium
McCully Mountain	Low
McGowan Meadow	Low
Middle Santiam Terrace	Low
Mill Creek Ridge	Low
Mohawk	Low
Molalla Meadows	Low
Myrtle Island	Low
Nestucca River	Low
New River	Medium/High
North Bank	Low
North Fork Chetco	Medium
North Fork Coquille River	Low
North Fork Hunter Creek	Low/High
North Fork Silver Creek	High
North Myrtle Creek	Medium
North Santiam	Low
North Spit	Medium
Oak Basin Prairies	Low
Old Baldy	Low
Pickett Creek	Medium
Pipe Fork	Medium
Red Pond	Low
Reeves Creek	Medium
Rickreall Ridge	Low
Rocky Peak	Medium
Rough and Ready	Medium/High
Saddle Bag Mountain	Medium